# **NEW** Photo History of the Flower Show • See Page 10

Pennsylvania Horticultural Society

# green

Brandywine
River Museum
& Stoney Bank
Nurseries

Pair Up for

**ARTiculture** 

Celebrating a

Great PHeaSt

Snowdrop Craze

# Trending in 2014

Growing Small and Edible, Drinkable Gardens

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PHS has launched a new banking relationship with Bank of America. and we are now using its services for payment processing. The Bank of America business center is located in Boston, Mass., so you will notice a Boston post office box on envelopes you may receive from PHS. Please rest assured that this change will be seamless, and we will continue to provide exemplary customer service to our members, donors, and partners. If you have any questions, please contact PHS Information Services at 215-988-1698.

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover photo courtesy of W. Atlee Burpee & Co.









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# Future TRENDS & Sweet MEMORIES

# REMEMBER WHEN

spider plants dangled in everyone's windows, and fern bars were the place to meet in the 1970s?

Do you recall when dracaena-better known as "spike" plants—popped up in window boxes and pots, and

every yard was full of begonias in the 1980s? And how about when vinca invaded every garden border, and cabbages became autumn's ornamentals in the 1990s?

Just as surely as there are trends in food, fashion, and art that shift from season to season, there are trends in gardening that bloom each year. These waves of popularity tend to reflect changes in the world around us and our evolving lifestyles, our taste and pleasures, as well as our needs.

In this issue of Green Scene, renowned garden writer Denise Cowie spoke with

leading horticulturists, designers, and authors about what will be the hot trends for Spring 2014 and throughout this year. She found very inspiring movements and concepts related to better health—both physical and spiritual-wonderful color choices and combinations, and amazing culinary avenues to explore.

This article is a prelude to a PHS Trends Report that will be announced at the 2014 PHS Philadelphia Flower Show, "ARTiculture," in March. For the first time at the show, we will present a consumerfriendly forecast of fantastic plants and products, floral and garden designs, and other trends that will engage gardeners and beautify our landscapes in the year

Thinking about new horticultural ideas always takes me back to my first experiences digging in the soil. When I was four years old, I began regular visits to my grandmother's garden. She had grown up on a farm, and she brought her practical experience and heritage of self-sufficiency to her green half-acre in Kettering, Ohio. She grew hens and chicks long before they became popular succulents for green roofs. Her tomato plants were supported on clotheslines—the beginning of vertical gardening? Rhubarb and beets were her garden-to-table specialties before that term was coined.

She also grew poinsettias year-round, using the bright red plants as filler and around the borders of her garden. I don't know if we're ready for that design idea to return just yet, but who knows?

for new ideas, some of which you'll learn about in this issue, and many more you'll see and experience at "ARTiculture."

It's going to be a very exciting year





The dracaena, or spike plant, was popular in the 1980s.





215,988,8800, PHSonline.org

### PHS INFORMATION SERVICES

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### YOUR GARDENING QUESTIONS

Our online database: pennhort.libanswers.com

### **EVENTS & WORKSHOPS**

Visit PHSonline.org and click on "Events"

### STREET ADDRESS

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### PHS SOCIAL MEDIA







# green scene

# **Acting Editor**

Jane Carroll

### Display & Classified Ads

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# THE GRAVEL GARDEN AT CHANTICLEER,

the renowned pleasure garden in Wayne, Pa., is just as intriguing in winter as it is in summer. The soil is amended with gravel to increase the drainage, which is essential for drought-tolerant plants. This winter scene—which few visitors see since Chanticleer is open April through October—reveals the garden's strong "bones." The spikey plants to the left are Yucca rostrata, a hardy yucca that forms a trunk as it ages, and the two evergreens are Juniperus virginiana, our native Eastern Red Cedar. On the arbor is Wisteria sinensis 'Amethyst', which blooms in early May. In June, flowering perennials make the Gravel Garden a brilliant tapestry of color.

This picture was taken by Lisa Roper, who is Chanticleer's official photographer as well as tender of the Gravel Garden. Chanticleer, which hosts many PHS education programs, will open for the 2014 season on Wednesday, April 2. For more information, visit chanticleergarden.org.

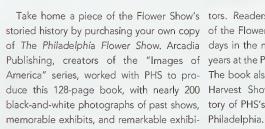




# **Coming Soon!**

# A Photographic History of the Philadelphia Flower Show

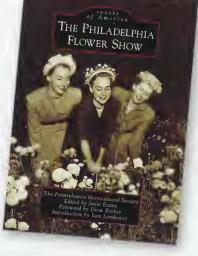
Edited by Janet Evans, Foreword by Drew Becher, Introduction by Sam Lemheney Arcadia Publishing, 128 pp.; black & white photographs & illustrations, \$21.99



tors. Readers will learn fascinating details of the Flower Show, starting with its earliest days in the nineteenth century up to recent years at the Pennsylvania Convention Center. The book also includes photographs of PHS Harvest Shows and a short pictorial history of PHS's pivotal role in the greening of

The Philadelphia Flower Show will be sold at the PHS Store at the 2014 Flower Show, at PHS Meadowbrook Farm, and online at ShopPHS.org. Available in February.





# Flower Show Tickets & Membership Renewal

Member tickets for the 2014 PHS Philadelphia Flower Show will be mailed in February, To avoid delays in receiving your tickets, we encourage you to renew your membership as early as possible if it is due to expire within the next two months.

You can renew your membership at any time online at PHSonline.org (click on "Support"). Or call PHS Information Services at 215-988-1698.



Because of the large volume of memberships with upcoming expiration dates, we have partnered with ComNet Marketing Group, which will make phone calls on our behalf to assist with membership renewals. If you do not wish to be contacted by phone, we encourage you to respond to our mail or e-mail renewal reminder as early as possible. We greatly appreciate your continued support of PHS!



Support for PHS's Core **Programs** 

# The PHS Fund



Building beauty. Sustaining healthy communities. Improving the quality of life. These things are at the heart of PHS's work. Contributions to The PHS Fund help PHS to grow and expand the signature greening programs that drive our mission.

The PHS Fund provides unrestricted funds for core initiatives such as PHS Tree Tenders®. Plant One Million, and PHS City Harvest. An inspiring partnership that connects community gardeners with families in need, City Harvest provides nutritious produce to 1,200 families during the growing season. Since the program began in 2006, City Harvest volunteer gardeners have donated more than 106 tons of garden-fresh food.

Gifts to The PHS Fund are separate from membership and, unlike membership dues, are fully tax-deductible. To make a gift, please use the envelope included in this issue of the Green Scene or make a secure contribution online at PHSonline.org (click on "Support"). For more information, contact the PHS development department at 215-988-1622.

To learn about other ways PHS programs make communities stronger, please visit PHSonline.org.

# Make the Most of Your Membership

Show your PHS membership card at the Down to Earth Café in Perkasie, Pa., or the Terrain Garden Café at Glen Mills to receive a 10 percent discount on your meal. Visit PHSonline.org and click on "Support" to learn about other vendors that offer a discount to PHS members.

### Down to Earth Café

1141 N. 5th St., Perkasie, Pa. 215 258 2233

thedowntoearthcafe.com

# Terrain Garden Café at Glen Mills

914 Baltimore Pike Glen Mills, Pa.

610-459-2400 shopterrain.com/glen-mills-

restaurant/



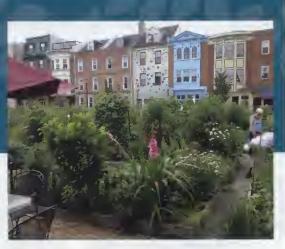
TIP

Take a picture of your PHS membership card and store it in your smart phone. That way you will always have it with you!

# The PHS Land Bulletin Board

**New PHS City Harvest Website Connects Growers and Private** Landowners

PHS City Harvest engages local growers to make fresh, organically grown produce more readily available in urban neighborhoods. City Harvest includes growers who donate food, feeding more than 1,200 families each week, as well as entrepreneurial urban farmers who sell what they grow to markets in neighborhoods that often lack access to fresh produce. Many of these gardeners grow vegetables on their own properties or in community gardens. Others use space offered by churches, schools, parks, or neighbors. example, one homeowner's small front yard is being used as a community garden, where volunteers have grown and donated thousands of pounds of vegetables to neighbors in need.



Now, City Harvest has a new online portal that helps connect people who would like to get growing with those who have private land to share. If you are a gardener looking for space, you can use the site to search for available land. Or if you or your organization, church, or community group has land to share with a City Harvest grower, you can post that information on the site.

The City Harvest Land Bulletin Board was made possible by a grant from SARE Agriculture (Sustainable Research and Extension).

"We are extremely grateful to SARE for helping to make this website a reality," says Lisa Mosca, PHS City Harvest food systems specialist. "It's an innovative tool that will help City Harvest continue to empower local growers. Land access is often the greatest barrier faced by urban produc-

Both growers and landowners can visit the website at resource.phillygrown.org/ land. Once they have found land, they can access other new resources to help them at the website.

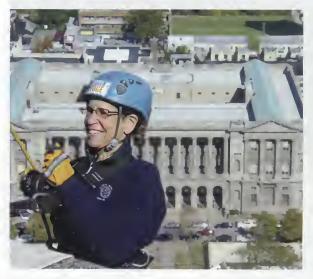


# Hot Gardening in L.A.

visit the sunny climes of Los Angeles this winter, be sure to stop by Rolling Greens Nursery. There are three locations in the Los Angeles area. According to its website, Rolling Greens carries "the best assortment" of exotic plants, succulents, cacti topiaries, fruit trees, and ornamental grasses in

If you're planning to Los Angeles, as well as an intriguing selection of garden accessories including vintage and one-of-akind items, plus containers from around the world and unique home décor items. Visitors can also make their own arrangements at the store's "arrangement bar," with help from a floral "barista," of course.

Visit rollinggreensnursery.com for store locations and hours.



Nancy Goldenberg, PHS chief of staff and co-founder of the Philadelphia Outward Bound School, rappelled down the 30-story One Logan Square—along with a few other brave souls, including Mayor Michael Nutter—on October 18. The annual stunt is a fundraiser for Outward Bound, which inspires young people and adults to develop leadership skills and overcome life's challenges.



PHS celebrated the 2013 Annual Awards Celebration and Recognition Event on November 12 at the College of Physicians of Philadelphia. The Chanticleer Foundation received the Distinguished Achievement Award, and Certificates of Merit were presented to Stephen L. Mostardi, Jane and Robert Pollock, and Joseph Revlock. From left: PHS Board chair Howard L. Meyers, Jane Pollock, Stephen L. Mostardi, Chanticleer executive director R. William Thomas, Chanticleer board member Regina O. Thomas, Joseph Revlock, Robert Pollock, Scott Arboretum director Claire Sawyers, and PHS president Drew Becher.

Philadelphia City Council member Jannie Blackwell (center) and PHS president Drew Becher watched students from the McMichael School plant one of the new beds during the official opening of the Mantua Urban Peace Garden, a PHS Green Resource Center in West Philadelphia, on October 1. The new garden has beautified a long-vacant lot in the neighborhood.

# the scene

Photos by Barbara L. Peterson





PHS opened a Holiday
Pop Up Store at 8433
Germantown Avenue in
Chestnut Hill in November,
offering exceptional handselected holiday items, as
well as gorgeous bundled
greens, garlands, wreaths,
swags, and centerpieces.
The store closes January 5.

# We want to hear from you!

Green Scene wants your feedback. Tell us what you're doing in your own garden, ask us a question, or offer a comment on something you've seen in the magazine.

To get started, we asked our social media followers to unburden themselves by sharing stories of gardening gone wrong. We all have some "it seemed like a good idea at the time" tales, and we're offering a few sample comments here. In future issues, we'll also print letters we receive by mail or email. Share your thoughts!

**Kristi R.:** "I planted spearmint when we bought our house five years ago and have attempted to rip out the last four. Never, ever, ever again will I plant mint without a pot or container!!"

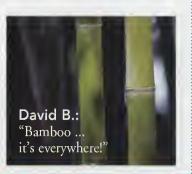


Wendy L.:

"Vinca. Say no more."









Julia H.:
"My husband planted dill in the asparagus

**Janet P.:** "I won't soon forget the time we nurtured a tiny tree with delicate heart-shaped leaves in our smallish backyard only to realize (as it leapt to the sky in just a few years) that we harbored a Katsura."



# **DIY Projects** on Pinterest

Don't throw out the champagne cork from New Year's Eve just yet! At PHS we're all about repurposing household items, and our DIY Home & Garden board on Pinterest has a dozen easy



pinterest.com/pahortsociety.

### How to Reach Us:

Please send your comments, questions, suggestions, and tips.

Snail Mail: Editor, Green Scene Magazine 100 N. 20th St., Philadelphia, PA 19103

Email: greenscene@pennhort.org
Subscription questions: PHS-info@pennhort.org

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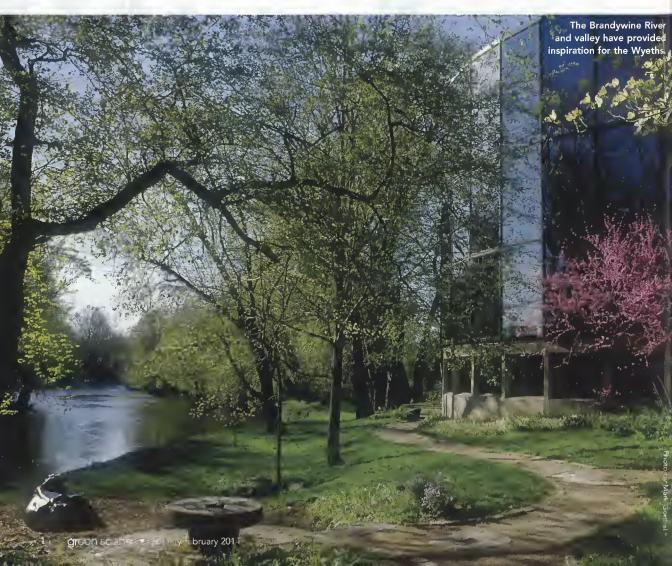


# AN INSPIRING Landscape

Stoney Bank Nurseries and the Brandywine River Museum Pair Up for "ARTiculture"

BY BARBARA L. PETERSON

all the reasons the 2014 PHS Philadelphia Flower Show, "ARTiculture," isn't your average show, the most notable distinction is that PHS has paired the world-class exhibitors with world-class museums and art institutions. This creative collaboration offers endless sources of inspiration, whether it's interpreting a specific painting or sculpture, a certain collection, or even an entire artistic genre.





N. C. Wyeth (1882-1945)

And Lawless, keeping half a step in front of his companion and holding his head forward like a hunting-dog upon the scent, . . . studied out their path

1916, Oil on canvas, The Andrew and Betsy Wyeth Collection



Jamie Wyeth (born 1946)
Root Cellar, 1966
Watercolor on paper
Collection Brandywine River Museum;
Gift of Amanda K. Berls, 1980
© Jamie Wyeth

For the floral designers and landscaping masters of the Flower Show, "ARTiculture" is an unprecedented opportunity for abstract thinking and big ideas

Paired with the Brandywine River Museum, the designers at Stoney Bank Nurseries want to tie together the beauty of the Brandywine Valley landscapes with three generations of the Wyeth family of artists: Newell Convers (N.C.) Wyeth, Andrew Wyeth, and Jamie Wyeth, who drew inspiration from the woodlands, wetlands, flood plains, and meadows of the Brandywine River Valley.

"We want to recreate nature in its purely natural form and show the river as well as river banks, ruins, and a studio or cabin," says Joe Blandy, lead project landscape architect and Stoney Bank Nurseries vice president. "We want to create an accurate depiction of what one might find in the Brandywine Valley."

Celebrating 35 consecutive years at the Flower Show, Stoney Bank is well known for its elaborate exhibits and exquisite plant combinations, which have won the company five best-in-show awards, three Mayor's Trophies, five silver trophies, and more. Blandy is excited by the challenge of being paired with a museum partner and drawing inspiration from the iconic images created by the Wyeths.

"It's different, but it's a nice experience to tap into such a wealth of information," says Blandy. "Hopefully, we'll be able to tie it back to what we do as landscape architects. We want to take bits and pieces—for example, show a rustic garden that a visitor may be able to envision on their own property."

The Wyeths' art has been described as disconcerting—with a dizzying quality that can be off-putting to the viewer—and dark, with hidden messages not easily understood without explanation. "There will be some of those aspects in the exhibit," Blandy says, "but it will be dark as in an absence of light, and some areas will be light to reflect the open meadows of the valley. We're doing some neat things with sycamore branches, but I'm not going to tell you any more about that!"

The Brandywine Valley's native sycamore tree has been featured in works by all three Wyeths. Native azaleas, rhododendrons, and redbuds will also be included, as well as a variety of flowering perennials and PHS Gold Medal plants. And while the Brandywine River itself is not seen in any of the Wyeth works, it will be running through the Stoney Bank Flower Show exhibit.

# PHS philadelphia flower show MARCH 1-9 ARTiculture

# Participating Museums and Flower Show Exhibitor Partners

The Barnes Foundation—Michael Petrie's Handmade Gardens
Brandywine River Museum—Stoney Bank Nurseries
Brooklyn Museum—EP Henry
Fresh Artists—Flowers by David
The Getty—Burke Brothers Landscape Design/Build
Grounds for Sculpture—Michael Bruce Florist
Guggenheim Museum—Schaffer Designs
The Noguchi Museum—PURE Design
North Carolina Museum of Art—Mark Cook Landscape & Contracting
Pennsylvania Academy of the Fine Arts—J. Downend Landscaping
Philadelphia Museum of Art—American Institute of Floral Designers
Collection of the Prince's Palace Monaco—Scape Design (James Basson)
Smithsonian National Portrait Gallery—Robertson's Flowers & Events
Storm King Art Center—MODA Botanica
University of Pennsylvania Museum—Hunter Hayes Landscape Design

### Also exhibiting:

Warhol Flowers from the Bank of America Collection, Steve Tobin and the West Collection

Wayne Art Center-Men's Garden Club of Philadelphia

Woodmere Art Museum—Irwin Landscaping Inc.

List confirmed as of 12/13/2013

# theflowershow.com

Virginia O'Hara, curator of collections for the Brandywine River Museum, is enthusiastic about the collaboration. "This is a wonderful opportunity to emphasize how the environment inspires art," she says. "The Wyeths have long been remarkably astute observers of nature, and through it, masterfully captured the poetry of the Brandywine Valley. Through Stoney Bank's display, the art of the Wyeth family and our region's resources will be palpably united in three dimensions. It also underscores the crucial work of the Brandywine Conservancy's conservation easement programs, which protect farmland, the native plant collections, and other resources for future use, enjoyment, and inspiration."

# Sensational Snowdrops

BY LAURA BRANDT

at Linden Hill Gardens

chilly outside, but the emergence of snowdrops (Galanthus) peeking their heads up through the snow signals that spring is not far behind. If you are a "galanthophile" (a snowdrop-lover), you are not alone.

The British Isles are the epicenter of galanthomania. Various British gardening websites describe millions of snowdrops carpeting woodland areas for visitors to enjoy during the annual "Snowdrop Garden Openings." During the Scottish Snowdrop

Festival, from February to March, visitors can "enjoy fresh air, a brisk walk, lots to look at, a good plate of soup, and a snowdrop biscuit," according to VisitScotland.com.

But you don't have to travel abroad to relish a walk among the snowdrops. There are several opportunities to enjoy these winter wonders in the Greater Philadelphia area. You'll find one snowdrop mecca at Linden Hill Gardens, in Ottsville, Pa.

"We are just beginning to experience the Galanthus craze here in the U.S.," says Jerry Fritz, proprietor of Jerry Fritz Garden Design and Linden Hill Gardens. "The whole Galanthus frenzy has been going on in England and Europe for a while. This is comparable to the tulip craze in fifteenthand sixteenth-century Europe. There are Galanthus Galas where collectors will pay over \$1,000 for one single bulb. Here, we had collectors ordering bulbs last fall and willing to pay \$60 to \$100 per bulb—they order them by the dozens sometimes."

Fritz became a galanthophile after he saw masses of snowdrops at the Royal Horticultural Society in England. Upon his



# "galanthophile"

return, he organized the Galanthus Group of the Delaware Valley. Snowdrop lovers will want to mark March 15 and 16 on their calendars for "In the Green," the annual snowdrop festival at Linden Hill Gardens. The weekend will include a Snowdrop Tea Party, with specially brewed In the Green Snowdrop Tea.

There are thousands of Galanthus varieties, and Linden Hill sells about 25. It is one of four growers in the country that carries unusual varieties shipped "in the green"—with their leaves intact. "These sell out very quickly, especially the rarer varieties," says Fritz. "One of the benefits is that you can pick out the type of flower you like, the size and shape, as well as the fragrance, as opposed to just buying a dormant bulb."

For an earlier gallop through the Galanthus, go to Delaware for Winterthur's event, "Bank to Bend: A Celebration of Snowdrops with Matt Bishop." You'll enjoy breathtaking carpets of snowdrops and other late-winter bloomers such as crocus, winter aconite, glory-of-the-snow, and Adonis. This year's Bank to Bend will be Saturday, March 8, and includes a lecture by Matt Bishop, a well-known snowdrop enthusiast and co-author of Snowdrops: A Monograph of Cultivated Galanthus. (Visit winterthur.org for more information.)

Want to see your own Galanthus bloom? Most are hardy and easy to grow. Fritz recommends planting them "in the green" immediately after flowering, when the leaves are still present. Snowdrops thrive in woodland conditions in moist, humus-rich soil under deciduous shrubs or among perennials such as ferns. Divide the clumps about every three years. Plant a few and you, too, may become a budding galanthophile.

See you at the tea party!

Laura Brandt is a freelance garden writer who gardens and writes in Bucks County, Pa.

VISIT LINDEN HILL'S
BOOTHS 300 & 401 AT THE
2014 PHS PHILADELPHIA
FLOWER SHOW, MARCH 1 - 9.



# Jerry Fritz's Top Snowdrop Favorites

- 1. Galanthus nivalis, the common snowdrop, easiest to naturalize
- 2. Galanthus nivalis 'Flore Peno'
- 3. G. nivalis 'Hippolyta'
- 4. G. nivalis 'Jacquenetta'
- 5. Galanthus nivalis var. pleniflorus 'Pusey Green Tips'
- 6. Galanthus elwesii 'Godfrey Owen'
- 7. Galanthus plicatus 'Wendy's Gold'
- 8. G. nivalis 'Viridapice'
- 9. Galanthus 'S. Arnott'
- 10. Selections from the composer series including: G. *elwesii* 'Sir Edward Elgar,' 'H. Purcell,' and 'J.Haydn'

See other available Linden Hill selections at *lindenhillgardens.com/* snowdrops-2014/.

# Where to See Snowdrops

Bank to Bend: A Celebration of Snowdrops with Matt Bishop

Saturday, March 8 Winterthur 5105 Kennett Pike (Route 52) Winterthur, De. winterthur.org

"In the Green" and Snowdrop Tea Party

March 15 & 16 Linden Hill Gardens 8230 Easton Road (Route 611) Ottsville, Pa. Free. *lindenhillgardens.com* 

# More Winter Fun at Linden Hill Gardens

Looking for a weekend activity this month or next? Visit the Ottsville Indoor Farmers Market on Saturdays from 10:00 am to 1:00 pm, from January 4 to February 22. The market features fresh local food, handmade wares by local artisans, and seasonal plants—all in a heated greenhouse. Activities include s'mores on the fire and iceskating on the pond. The Ottsville Indoor Farmers Market is located on the same property as Linden Hill Gardens and the Kitchen Potager: 8230 Easton Road (Route 611) in Ottsville, Pa. Learn more at lindenhillgardens.com.

# A Brunch Centerpiece

Supermarket Style

STORY & PHOTOGRAPHS BY BARBARA L. PETERSON

IMAGINE IT: You've planned the perfect Sunday brunch and your guests are scheduled to arrive within the hour. The food is ready, the table is set, but there is no centerpiece! Knowing that your favorite florist is closed on Sundays, you dash out to Acme Market and grab a colorful mixed bunch of mums, white spray roses, and some greenery. For less than \$25, you now have the makings of a fabulous arrangement like the one shown here, created for us by PHS Philadelphia Flower Show exhibitor and Best-in-Show winner Bill Schaffer of Schaffer Designs.



Bill chose five birch-bark containers and filled them with fully soaked floral foam (you could also use a long vase or collection of bowls). Bill cut the foam level with the tops of the containers, then snipped the spray roses to just below the blooms. "People get lost when they make a tall arrangement, so we're doing a pavé, color-blocked tablescape," Bill said. In the first container, he inserted the rose heads in straight rows.



Continuing the design, Bill put one row of roses in the second container, then clipped sections of variegated pittosporum. "The green is considered a neutral," he said. Lime green button mums were added next, followed by more pittosporum and then purple mums and Italian ruscus.











Bill Schaffer

To add even more freshness to this brunch-table design, Bill cut sections of kiwi, green apple, butternut squash, bell peppers, and oranges and inserted them with toothpicks, repeating the "ombré" pattern of the flowers (graduated in tone). "This is a trans-seasonal arrangement with the winter white of the birch and the colors of spring in the flowers and fruit," Bill said. While the fruit adds height and texture, it also emits an ethylene gas that is detrimental to the flowers. For longevity, the produce should be removed after your event.



For more height and drama, Bill connected the containers with peeled river cane. A similar look could be achieved with birch branches or curly willow. In less than 30 minutes, you can create a beautiful centerpiece that will impress your guests and last for more than a week!

As an Official Sponsor, ACME plays an integral role in the success of the PHS Philadelphia Flower Show. This year, ACME will once again sell Flower Show tickets, along with the official Flower Show Bouquets. Beginning in January, ACME will feature a new Flower Show Bouquet each week, inspired by a different artist to complement the 2014 Flower Show theme, "ARTiculture."



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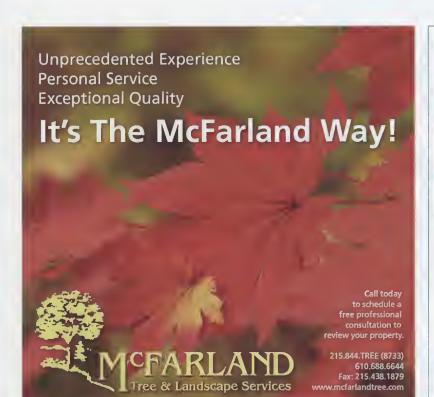
meadowbrook PHS farm

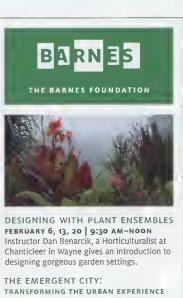
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# Come spring, somebody in a backyard near you is sure to be playing Honey, I Shrunk the Landscape!

Seems Disney had it right all along: it is a small world, after all. Especially in the garden.

Growing small is shaping up as a big trend this year, along with beautifying outdoor spaces for fun and entertainment, creating sustainable landscapes, and food gardening—especially growing so-called "super foods" like berries, kiwis, beets, greens, and even quinoa.

This fits hand-in-gardening-glove with other trends being embraced by homeowners, such as beer gardens and fermentation gardens—which have been dubbed "the new chickens"—gardening for bees, roof-top farming, and geometric design. Then there's color blocking in the garden, whether it's monochromatic container plantings or bold splashes of color in the border. And don't be surprised if some of those colors are variations on blue, the hue that bookends the Pantone Fashion Color Report for Spring 2014.

As the growing season gets underway, consumers are likely to see more descriptions like compact, tiny, dwarf and mini on tags, as ever-increasing numbers of plants are downsized to accommodate gardeners with limited space.

"Short plants are very hot for growers, retailers, and consumers," says Andrea Treadwell-Palmer, who keeps an eye on trends on both sides of the Atlantic as coowner of Plants Nouveau, a company that introduces and markets new plants from all over the world. Not surprisingly, she has two dwarfs debuting this spring, a hydrangea called Everlasting® Revolution and an old-fashioned lilac named Tiny Dancer™.

At Proven Winners, spokesman Jeanine Standard says that "the desire for flowering shrubs for small spaces" is one of that North American plant brand's top two trends, along with plants that are heat and drought tolerant.

Scaled-down edibles are joining ornamentals on the patio, too. Burpee sells a hybrid corn plant for containers called "On Deck." "Mini patio fruits, smaller berry bushes, climbing fruits like kiwis, goji berries, and other good-for-you fruits—those are trending now worldwide," Treadwell-Palmer adds.

From Fall Creek Farm & Nursery, BrazelBerries® this year adds another dwarf berry bush, Blueberry Glaze™, to the lineup of container-size raspberries and blueberries that have been selling out since they first appeared about a year ago.

And Greenleaf Nursery's Briana Johnson cites increased availability of its Urban Apple® series this spring to meet consumer demand for these recently introduced apple trees, which are container-sized at eight-to-ten feet tall and just a couple of feet wide.

Trends like this don't happen suddenly, of course. New plants are years in development, and smaller plants have been increasing in popularity for some time. So has the local-food movement. They were fated to merge.

As trend-spotter Susan McCoy sees it, it's all about balance. People are beginning to understand the rewarding relationship between gardening and connecting with nature, she says in the annual Garden Trends Report developed by her Kennett Square marketing company, Garden Media Group, but they still want their outdoor spaces to look beautiful and to be a social hub for entertaining.

That fits with the results of the most recent survey of Residential Landscape Architecture Trends by the American Society of Landscape Architects (ASLA), which shows that homeowners increasingly want outdoor rooms for entertaining and recreation, in landscapes that are both easy to care for and sustainable—which may mean anything from native or droughttolerant plants to less lawn area and stormwater mitigation. Decorative accourrements like fire pits and fireplaces, water features, and outdoor lighting are high on the "desirable" list on the ASLA survey, but many homeowners also want space devoted to food gardens.

# WHAT'S HOT FOR 2014?

PHS will unveil the 2014
PHS Philadelphia Flower
Show Trend Report in the
March/April issue of Green
Scene and at a special
event at the 2014 Flower
Show, "ARTiculture,"
March 1 through 9 at the
Pennsylvania Convention
Center.

The PHS Trend Report will include exciting new flowers; plants and garden products (including PHS Gold Medal winners); and design features recommended by Flower Show exhibitors, PHS horticulturists, and other industry experts.

Photo Courtesy of Fall Creek Farm & Nursen The berries of the dwarf blueberry BrazelBerries Peach Sorbet add a decorative touch to container plantings long before the fruit is ripe.

One fun spinoff of the social garden? Fermentation gardens featuring plants that lend themselves to fermentation, such as hops or grapes. Beer gardens are a big hit with young men who are into the immensely popular microbrew scene. That was partly what prompted Wisconsin legislative aide Fred Ludwig, 28, to opt for a beer garden at his home in downtown Madison.

"Younger people are interested in brewing their own," says Ludwig, who hopes to grow different kinds of hops to try in his brews and plans to use the garden for socializing. "Members of my generation are starting to purchase homes ... and looking to do something a bit more creative." For the design process, he has enlisted a horticultural helping hand from his uncle, Chanticleer executive director R. William Thomas.

"People like messing with the fermentation process," McCoy says. "Not just fermenting for beer and wine, but for 'shrubs,' which are digestives, and kimchi, which is fermented cabbage. And you can make wine from all kinds of things, including blueberries, apples, and dandelions."

Ah, yes, dandelions. The locavore movement has also spurred interest in other niche trends, such as foraging—gathering and eating wild foods—and rooftop farming.

Ellen Zachos, author of Backyard Foraging: 65 Familiar Plants You Didn't Know You Could Eat, has noticed a flush of interest in foraging recently. Asked why workshops and classes on the topic seem to be popping up all over, she suggests that "it appeals to people on many levels: self-sufficiency, getting in touch with nature, local/seasonal eating, free food...." And if it can turn prolific weeds like garlic mustard or dandelions into



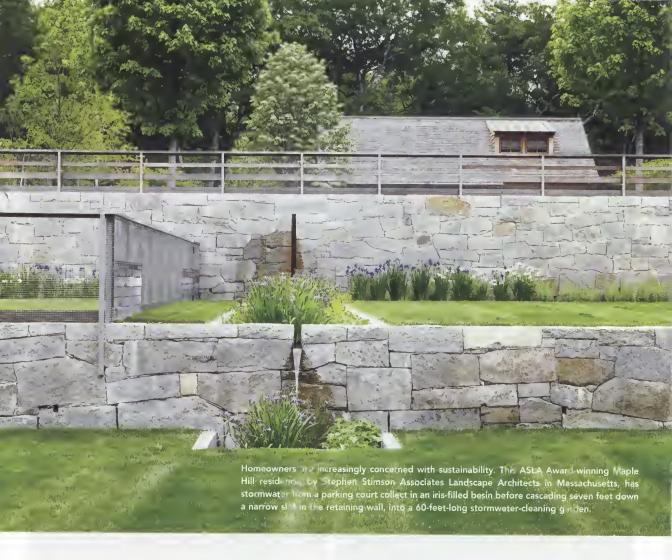












Geometric shapes are making their mark in garden design tasty menu items, so much the better. But, Zachos warns, don't put anything in your mouth unless you are absolutely sure it is safe.

As for rooftop farming, where else can you go if you don't have enough sun or space on the ground to grow your favorite tomatoes and peppers? It's the natural extension of vertical gardening, and a rapidly growing trend, says Philadelphia landscape architect and green roof designer Lauren Mandel. Look up as you walk around the city, and you're likely to see little clusters of pots soaking up the sun on flat porch roofs of row homes and twins. But rooftop farming is sprouting all over America. New York, Chicago, and Boston boast big commercial farms, says Mandel, who has written probably the first book on the topic, Eat Up:

The Inside Scoop on Rooftop Agriculture. (Before you plan a big veggie garden in the sky, though, have a structural engineer make sure your roof can support the additional weight.)

Back at ground level, three plants sure to be in countless gardens this year are cucumbers, petunias, and echinaceas. They've been named by the National Garden Bureau as its three "Year of the ..." crops for 2014, which means even more promotion for these already popular plants. Try some of the new varieties of these old favorites, such as Proven Winners' Supertunia® Flamingo, or cucumber 'Tasty Treat', new from Renee's Garden.

Denise Cowie is a transplanted Australian who has been writing about horticultural topics for nearly 20 years. She lives and gardens in Philadelphia, Pa.

# WHAT ELSE IS LIKELY TO GRAB ATTENTION THIS YEAR?

# **Changing Shapes**

Geometric shapes are making their mark in garden design, says Chester County garden designer Danilo Maffei, a former board member of the Association of Professional Landscape Designers. Homeowners, as well as communities, are making use of underused fragments of ground, such as long skinny strips or little rectangles. "Gardens of opportunity," Maffei calls them, similar to pocket parks in cities. He points out that a linear planting strip may not only add beauty to an area but also act as a stormwater filter.

Geometry also creeps in at Meadowbrook Farm, the PHS display garden in Abington Township. Horticulture manager Tom Reber is turning garden paths into sculptural expressions and punctuating them with turf circles, or patios of grass, that feature a table and chairs, or a chair with an eye-catching container planting. These, too, are a sort of unexpected pocket garden, providing serenity and respite "and offering an alternative perspective on the bigger garden."

### Drink Your Garden

Susan McCoy says people are cultivating edibles that can be made into health drinks. "People are growing lots of greens so they can make green smoothies," or 'groothies,' in the morning," she says. "I'm picking dandelions right in my [chemical-free] yard, and mixing them with stevia and flax seed. It makes me feel very self-righteous!"

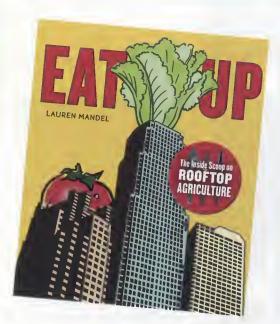
# Keyhole Gardens

A few years ago, few gardeners knew what they were, but now these raised beds shaped like a pie with a slice cut out are being adapted as a trendy design element, and also as a way of composting kitchen scraps. Originally developed to allow villagers in Africa to grow vegetables despite poor soil and little water, keyhole gardens had a composting cone in the middle.

# Gardening for Bees

Everybody knows by now that honey bees are in trouble, and that is potentially bad news for our food supply, so gardening for bees is a hot topic. Everyone from the National Garden Bureau to your Aunt Fanny is urging gardeners to grow more heavy-pollen-producing flowers from spring through fall, to limit pesticide use, and to provide nesting spots for bees of all varieties.

-DC



# **RESOURCES**

Books on the Latest Trends from the PHS McLean Library

### Going Small

Richardson, Fern. Small-Space Container Gardens: Transform Your Balcony, Porch, or Patio with Fruits, Flowers, Foliage & Herbs. Timber Press, 2012

### Rooftop Agriculture

Hanson, David. Breaking through Concrete: Building an Urban Farm Revival. University of California Press, 2012

Mandel, Lauren. Eat Up: The Inside Scoop on Rooftop Agriculture. New Society Publishers, 2013

### Bee Gardens

Dixon, Luke. Keeping Bees in Towns & Cities. 1st ed.
Timber Press, 2012

### Beer Gardens

Peragine, John N. The Complete Guide to Growing Your Own Hops, Malts, and Brewing Herbs: Everything You Need to Know Explained Simply. Atlantic Pub. Group, Inc., 2011

### Fermentation Gardens

Stewart, Amy. The Drunken Botanist: The Plants That Create the World's Great Drinks. 1st ed. Algonquin Books of Chapel Hill, 2013

### Wild Foods

Shufer, Vickie. The Everything Guide to Foraging: Identifying, Harvesting, and Cooking Nature's Wild Fruits and Vegetables. Everything Series. Adams Media, 2011

Zachos, Ellen. Backyard Foraging: 65 Familiar Plants You Didn't Know You Could Eat. Storey Publishing, 2013

PHS friends, chefs, and growers gathered for delicious local food and fun

# A Fabulous



More than 400 guests attended the second annual PHeaSt on October 18. This industrial-chic party at the PHS warehouse at the Navy Yard celebrates local food and raises essential funds for PHS City Harvest, an inspiring partnership that grows and donates fresh produce to more than 1,200 families in need each week.

Guests at PHeaSt sampled farm-totable specialties prepared by top chefs who made use of fresh ingredients grown by PHS City Harvest farmers and gardeners. Attendees were encouraged to vote for their favorite dish, and the PHeaSt People's Choice Award went

to the top three selections.

This year's vote resulted in a tie! The two most-favored dishes were declared "Best in PHeaSt," and the dish receiving the third highest number of votes was declared the 2nd place winner.



# Tied for 1<sup>ST</sup> Place

Dish: Herb-crusted short ribs, root vegetable hash, and a caramelized onion and fig jam

Restaurant: The Whip Tavern Executive Chef Wyatt P. Lash Jr. 1383 North Chatham Road Coatesville, Pa. 610.383.0600 thewhiptavern.com

The Whip is a classic tavern located in bucolic Chester County, Pennsylvania. Voted Best English Pub by Philadelphia Magazine and rated "very good to excellent" by Zagat, the Whip offers an authentic English pub atmosphere complete with traditional English dishes such as Scotch Eggs, Welsh Rarebit, Bangers and Mash, and Fish and Chips. The pub also features rare beers from a constantly evolving beer menu, and the restaurant is committed to working with local producers and growers.

# Tied for 1<sup>ST</sup> Place

**Dish:** Butternut squash grits with beer-braised leeks and smoked pork shoulder

**Restaurant:** Supper Executive Chef Mitch Prensky 926 South St. Philadelphia, Pa., 215.592.8180

supperphilly.com

Combining an "urban farmhouse" atmosphere with upscale dining, Supper opened in 2008 to rave reviews and quickly earned a loyal following. It has been named one of Philadelphia's 50 best restaurants by Philadelphia Magazine, and has been praised in The New York Times as "perfectly capturing the spirit of Philadelphia dining." Supper chef and proprietor Mitch Prensky and his wife and partner, Jennifer London Prensky, also own and operate Global Dish Caterers, an awardwinning event planning company.

# Get the PHeaSt Recipes!

Make these award-winning dishes at home! PHSonline.org/events/pheast



# Thomas Heck

# 2<sup>nd</sup> Place

Dish: Zucchini bread pudding Restaurant: Davio's Pastry Chef Thomas Heck 111 South 17th St. Philadelphia, Pa., 215.563.4810 davios.com/phil

Davio's northern Italian steakhouse is located on the second floor of the historic Provident Bank building, just off Rittenhouse Row in downtown Philadelphia. Known for Italian specialties with a focus on the grill, Davio's was launched in Boston and now has six locations. Pastry chef Thomas Heck loves to work with fresh ingredients and, as an avid gardener, often uses plants and herbs from the garden in classic desserts.

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# Lucky Guests Get Dinner with the Winners!

PHeaSt guests entered a raffle to win a coupon for dinner for two at one of the PHeaSt People's Choice restaurants. The lucky winners were:

Rich & Jacquelyn Boyer, dinner at The Whip Tavern Nancy Schwoebel, dinner at Supper Megan Lawless, dinner at Davio's

# Windowsill Gardening:

nstead of just flipping through catalogs searching for seeds for spring, try growing micro-greens or soil sprouts on

your windowsill. It's a great way to keep your green thumb busy during the winter months, but requires few tools and minimal work.

What's so great about micro-greens, the latest in sprouted beans and seeds? In a nutshell, sprouts are ecological (how local can you get?), economical (yield from the seed is about four-to-one), easy-togrow, and nutritious. As seeds or beans germinate and grow, their nutritional content increases. They are low in calories, and they're tasty and versatile. The seeds will sprout in soil in a few days and become edible additions to salads, side dishes, and sandwiches.

To grow micro-greens on your sill, purchase edible seeds or beans at a health food store or online. Sprouts grown in jars usually require four to five days, while micro-greens sprouted in soil (the young seedlings of vegetables, herbs, and other plants), take a few days longer.

You know that good feeling when your garden seeds begin to push through the ground in spring? If you compress that time down to five or ten days, you will see your seeds and slightly larger grains and beans pop through the small containers and grow to a few inches, ready for harvest.

# GO MICRO!

# RECYCLABLE/REUSABLE ITEMS YOU'LL NEED:

- 1. Small cardboard or plastic containers, such as straw-berry or mushroom containers or tofu tubs. You can also use old baking pans with a 2-inch lip.
- 2. Potting soil.
- 3. Bowls for soaking seeds, a strainer, a tray if container has small holes, paper towels, opaque plastic bags, and scissors or small knife for harvesting.
- 4. Seeds for sprouting, such as sunflower seeds in their shells, whole lentils, and un-hulled buckwheat seeds. These are good for beginners.

# Now you're ready for PLANTING:

- 1. Soak smaller seeds eight hours and larger seeds 10 hours in pure water. Be sure water covers the seeds. (Use about 1/2 cup of sunflower and lentil and about 1/4 cup buckwheat. Depending on the size of your container, this will vary.)
- 2. After soaking, place potting soil in your containers, 2 to 3 inches high.
- Drain the seeds and place back in the bowl. Use the soak water, which has some nutrients, to moisten the potting soil in your containers.

- 4. With your hand or a small spoon, sprinkle the soaked seeds close together over the soil. Then cover with a double-thick paper towel that has been moistened, not soaked. Take your plastic bag and slide the container inside and tuck the ends under so you have a mini-greenhouse. Place on a sunny windowsill.
- 5. Check under the plastic after two days to make sure the paper towel hasn't dried out. If so, sprinkle on more water and replace cover. In about four days, the plastic will be pushed up because of the germinating sprouts. Remove plastic and allow the germinating seeds to grow 3 to 4 inches, keeping the soil damp.

6. To harvest, use a small knife or scissors, cutting down the tallest greens and giving the small ones room to grow. You can make continuous cuttings until all the sprouts have been harvested.

I oss your micro-greens in salads, sandwiches, and soups for added color, flavor, crunch, and nutrition. If you don't use your sprouts the day you harvest them, refrigerate and use within two days.

Once you've harvested your micro-greens, the soil can be put into compost and the process started again. You can keep growing all winter long.

Ellen Sue Spicer-Jacobson writes about food and health. Her book, The Johnny Alfalfa Sprout Handbook, is available by emailing her at menupause.info@gmail.com or visit her website: www.menupause.info.

NOTE: Some beans, such as kidneys, should not be eaten raw because they contain a toxin. Visit http://rawevolution.wordpress.com/what-not-to-sprout/ for more information.

# ATOOL of ONE'S OWN

Green Heron Tools knows what women want

BY THERESE CIESINSKI

In rural New Tripoli, Pennsylvania, there's a quiet revolution underway. It is led by two women who, tired of the status quo, said "enough." The weapon of resistance is a garden shovel. But the war isn't against The Man. The war is against The Man's tools.

The leaders of the movement are Ann Adams, a nurse, and Liz Brensinger, a public health educator. When they couldn't find garden tools designed for women, they invented one. It is a combination garden spade/shovel called the HERShovel<sup>TM</sup>.

It all began in 2008. Adams and Brensinger had been moonlighting as market gardeners for 13 years. Both knew the principles of ergonomics and recognized that most gardening tools weren't designed to accommodate their bodies. They were inefficient, and using them caused pain. The tools were big, designed for tall people with wide shoulders and big hands. In short, they were sized for men.

So Brensinger and Adams founded Green Heron Tools, an online store that would offer products scaled to the female body. But when they looked for tools to stock, they didn't find any designed specifically for women. Those marketed "for women" were either shorter versions of large tools, or worse, merely painted a condescending shade of pink.

The pair saw an unmet need. They asked female farmers and gardeners the tool they'd

most like to see redesigned. The answer was the shovel.

How hard could it be to redesign a shovel? What followed was years of research and testing, supported by a grant from the U.S. Department of Agriculture. "The complexity of making a tool from scratch is mind-boggling," Brensinger says.

First they had to identify how a female body moves when shoveling: which muscles work hardest, which are weaker, which are vulnerable to injury. The goal was a shovel that would capitalize on lower-body strength and relieve pressure and strain in weaker areas, such as the upper body and hands.

The result is a shovel with a large step on the blade so women can use the full power of their lower bodies to drive the blade into the ground. The handle has an ergonomic, oversized D-grip for greater control and hand comfort. The shovel comes in three sizes and is made entirely in the United States, mostly in Pennsylvania. The blades are made of recycled steel, and the ash handles are harvested sustainably from Appalachian hardwood forests.

In 2011, the HERShovel™—the pair held a contest to decide the name—debuted. "The response from women has been fantastic," Adams says. "Some days we wonder: Why do we do this? Then someone writes, 'We love it, my husband even uses it.'"

With thousands of shovels sold, customers are now requesting a women's digging fork. But Brensinger and Adams must first finish another USDA-supported project: designing a substitute for the walk-behind rototiller, a machine women farmers say is frustrating to use.

In 2012, Green Heron Tools was awarded a \$12,500 grant for women entrepreneurs from the clothing company Eileen Fisher. It allowed them to complete the patent application for the tiller, which they expect to be available for sale in 2014.

Green Heron Tools, P.O. Box 71, New Tripoli, PA 18066, 610.844.5232 greenherontools.com



"Your shovel has dramatically extended my shelf life as a gardener."

-A Green Heron customer

Ann Adams (left) and Liz Brensinger



# Indoor Gardening with Kids

BY VIRGINIA C. MCGUIRE

Unless you live near a ski slope, it can be hard to entertain kids during the winter. But indoor gardening projects provide a muchneeded dose of green growth during the winter months, and give children a screenfree daily activity.

Growing food with kids is especially beneficial. Dr. Sondra Barrett, a health educator in California, worked with disadvantaged kids in a school garden program in Sonoma County. She says children who help to grow food are more likely to make healthy eating choices. "Being able to have that connection to our food helps kids learn how we take care of ourselves," says Barrett.

Anna Tsykalova, who taught science at an international school in Hong Kong, notes that indoor projects are also helpful for kids who don't have access to outdoor space. "Sometimes people get intimidated," she says. "They think, I don't have a garden. I don't have soil." But you don't need special equipment to grow plants inside. Tsykalova made planters from plastic soda bottles, and her students sprouted sunflower seeds. "Everyone can get a soda bottle," she says.

Here are a few easy gardening projects, perfect for keeping young children occupied when they're housebound by the weather.

# **Seed Starting**

Winter is the perfect time to get ready for spring planting, and kids can help choose seeds from a catalog. Try tomato varieties with unusual colors or exciting names so your kids can look forward to tasting the difference between them, or pick out flowers for a fairy garden.

Successful seed starting does require a few materials. It's important to use a seed starting mix instead of regular soil. Many gardeners swear by heating mats and grow lights, but you can also get by with a warm house and a sunny windowsill.

Cover a table with newspaper, and give kids a bowl of seed starting mix and a spoon to fill the little pots with. Have kids poke the seeds into the soil with their fingers, one knuckle deep for some seeds, two knuckles deep for others. Keep them moist but not sodden and check them every day for germination.

# Grow Your Own Citrus Fruit

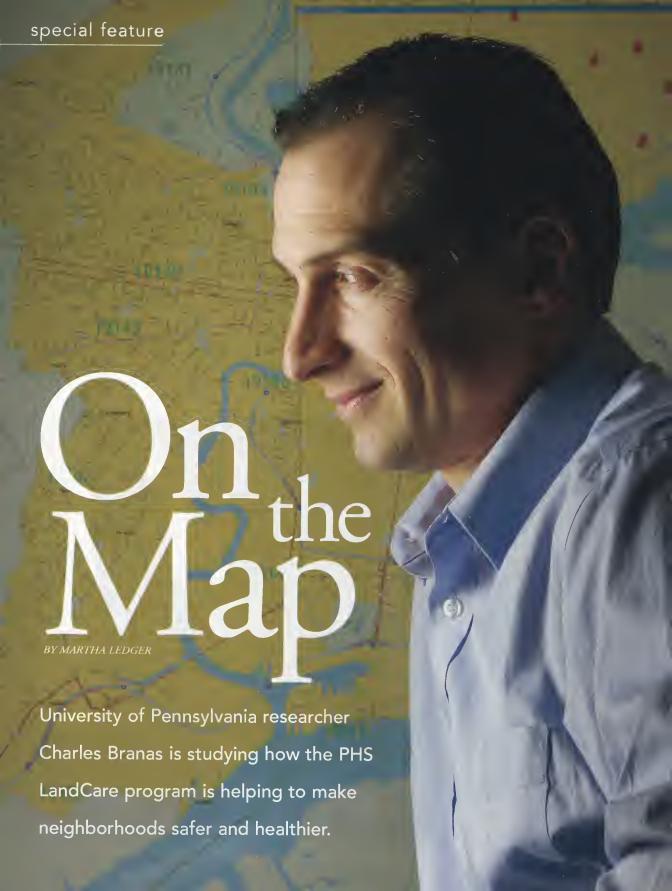
The pips from citrus fruit are relatively easy to germinate in moist potting soil. The soil should be warm, 70 to 75 degrees, so

place it on a seed-starting mat if you have one. They germinate in about two weeks. The key with potted citrus is to bring the plant outside during the warmer months. They need to come back in when the temperature gets down to 50 degrees.

# Mango Magic

Rooting an avocado pit in a glass of water is old hat, but you can also root a mango seed just as easily. Use a flat screwdriver or a dull knife (adult supervision recommended) and split the side of the pit open to reveal the seed inside. Plant it a couple of inches deep in sandy soil in a well-drained pot, and keep it moist. You should see the seedling pop up after a week or two. You can use a store-bought mango, but you'll get a more predictable fruit variety if you order a seed from a catalog. You can expect a lovely plant, but it won't fruit for many years if started from seed.





A SERENDIPITOUS ENCOUNTER GAVE CHARLES BRANAS AN UNEXPECTED RESEARCH IDEA. It occurred in 2008 at a Philadelphia Federal Reserve Bank conference titled "Reinventing Older Communities: How Does Place Matter?" Branas made a presentation about how certain types of alcohol outlets were linked to gun violence. In the audience, waiting to give his own talk, was Robert Grossmann, director

Grossmann saw his work as a crime deterrent, and as soon as Branas finished, he approached and said, "I hear from our people, just anecdotally, that when we green these lots, crime goes down." Branas wanted to know more.

of LandCare, the Pennsylvania Horticultural Society program

that greens local vacant lots.

Charles C. Branas, Ph.D., professor of epidemiology and director of the Penn Cartographic Modeling Lab, had been studying gun violence and its connection to geography and place since coming to Penn in 2000. "I had been describing various threats to health and safety for years," he says, "and I really wanted to turn the corner and start doing something to improve health and safety." The conversation between the two set him moving in what would be a challenging but important new direction.

Branas's "describing" years were powerful ones. He was principal investigator of numerous studies related to gun violence. In 2004, he and his colleagues published a nationwide study of geographic variations in firearm death that went on to be cited in landmark Supreme Court decisions on the topic. The study analyzed more than one-half million firearm deaths occurring in the 1990s for every county in the U.S. It found the risk of death by firearms equal in rural and urban areas: homicide more common in cities—not a surprise—and suicides alarmingly prevalent in the countryside, where they were largely overlooked.

Branas also received one of the three major gun-violence research grants the National Institutes of Health (NIH) has awarded over the last 40 years. It funded his study on the relationship between alcohol availability and gun violence – the work he presented at the Federal Reserve Bank conference. Analyzing 677 gun assaults that occurred in Philadelphia between 2003 and 2006 (plus 684 controls randomly sampled from the city's adult population), he showed that heavy drinking where take-out alcohol venues were plentiful significantly increased the risk of being shot. Heavy drinking in bars and taverns, even in neighborhoods rife with gun violence, turned out to be less of a risk.

"I hear from our people, just anecdotally, that when we green these lots, crime goes down." Branas wanted to know more.





Published in the journal Alcoholism: Clinical and Experimental Research in 2009, the findings gave big cities a way to reduce gun violence without getting embroiled in gun-rights issues. They could modify environmental factors related to alcohol: for example, limit the hours take-out alcohol can be sold, prohibit sales to visibly intoxicated customers, crack down on public drunkenness, or selectively shut down nuisance outlets.

Branas had also already hit upon the relationship between

vacant properties and violence. Not long before the conference, a student of his at the time, J. Nadine Gracia, M.D., M.S.C.E. '08 (who went on to be a White House Fellow and is now the Deputy Assistant Secretary for Minority Health), had mapped violent crime in Philadelphia, plus a host of other factors, such as vacant properties, poverty, unemployment, race, ethnicity, and education.

"The map of vacant properties was almost identical to the map of violent crimes, more so than the maps we made of a

dozen other well-known indicators of disadvantage," says Branas, the senior author of the study. "The match was more than just by chance."

Gracia and Branas showed that every new vacancy in the study area corresponded to an 18.5 percent increase in violent crime and an even greater increase—22.4 percent—in violent crimes committed with guns, but the study had limitations. The records they used had identified vacant properties overall, but didn't differentiate between abandoned buildings and empty lots. The researchers couldn't determine which, if either, was more responsible for gun crimes. Moreover, they couldn't say which had come first: Had the presence of vacant properties invited crime, or had crime emptied neighborhoods, driving residents and businesses elsewhere?

Grossmann's experience resonated with their findings. He could speak to blighted lots as hot spots for crime, describe open-air drug markets—"with tables and awnings"—set up amid the weeds and debris, report on guns discovered there by his contractors and bodies found by the police. Grossmann recalled how residents had once fought the demolition of a condemned house because they feared an empty lot more. He knew that people often walked down the center of the street, giving wide berth to lots that were wildly overgrown.

After the greenings, Grossman noted the disappearance of some notorious open-air markets. Residents also reported less drug activity in their neighborhoods. Neighborhood retailers corroborated these views when they complained that the dealers weren't around to shop in their stores anymore.

Even more useful to Branas than the wealth of anecdotal information were the meticulous records Grossmann had kept on 4,436 lots greened between 1999 and 2008. The data were available to researchers in the form of GIS (geographic information systems) maps. Branas invited Grossmann to attend a small internal meeting at Penn where broad-based research on vacant space was being presented.

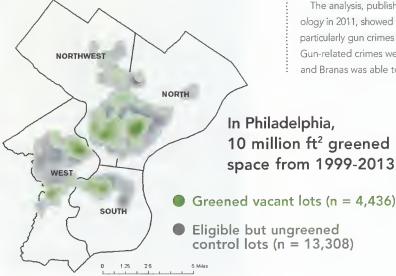
"He's really open to exploring things," Grossmann says of Branas. "From the start, he was totally engaged, trying to understand every aspect of our work, seeing how it related to his own. There's always been a good give-and-take between the practical groundwork that we do and his academic expertise."

Starting with Grossmann's maps, Branas designed a study to measure the effect of greening on health and safety. A control group was drawn from the almost 55,000 untreated lots Philadelphia was estimated to have at the time. "It was a 'found' or quasi-experiment," Branas says, "something epidemiologists are always on the lookout for."

The Cartographic Modeling Lab then gathered data from the Philadelphia Police Department on the exact location and nature of crimes, as well as health information from the Philadelphia Health Management Corporation, which biannually surveys Philadelphia residents about their health. "Our researchers incorporated everything into a larger mapping system," Branas explains, "allowing us to analyze, to make maps, to make visual what had happened in and around those vacant lots before and after they were greened."

"All this," he adds, "is part of what the CML and cartography are able to do. Without it, we wouldn't have been able to do our analysis."

The analysis, published in the American Journal of Epidemiology in 2011, showed a significant reduction in violent crime – particularly gun crimes – around lots that had been greened. Gun-related crimes were down between 7 and 8 percent, and Branas was able to confirm that they didn't just shift to



nearby streets. (He also reported reductions in vandalism, criminal mischief, and stress, plus increases in how much people exercised.)

Branas has two hypotheses for the reduction in gun-related crime. One is the widely cited "broken windows" theory proposed by political scientist James Q. Wilson, Ph.D., and criminologist George Kelling, Ph.D., in 1982. It claims that broken windows, graffiti, trash-strewn streets, and all other visual aspects of blight actually promote crime.

The opposite happens when greening replaces blight: people feel more invested in the area. They keep it clean. If anything disorderly occurs, they call the police. Criminals are less at home in the space.

While Branas accepts this explanation—for him, "broken windows" is not just a theory anymore—his work is some of the first to challenge this theory in the real world and make it more than just academic. He notes, for example, that it's really difficult to hide an illegal gun in or around a cleaned and greened lot and believes there is a physical component to reducing gun violence.

Branas's results received a lot of press coverage, and people who knew his work saw it as an extension of his gun research. "But quite frankly," he says, "we looked at more than 20 outcomes that potentially related to health and safety." As he points out, only two, which he had casually added into the mix, "were about guns. It just so happens that one of those qun-oriented outcomes carried the day."

ranas has designed a vastly more ambitious study that combines greening, health, and crime. In the process, he's addressing limitations of the found experiment, one example being a possible "selection bias." He explains: Maybe greening occurred somewhere because constituents complained to their councilwoman about a particular lot, and the councilwoman then called the Pennsylvania Horticultural Society. The fact that someone has the wherewithal to complain might mean that a neighborhood is already improving. It may be that, in such a case, Branas wasn't measuring the impact of the greened lot but rather the social connectivity of the neighborhood. "The best way to handle this sort of thing," he says, "is to randomly assign the lots for treatment, just like you would, say, in a clinical trial of a drug."

This is precisely what he is now doing, through a five-year community trial funded by the NIH. Today, Philadelphia has an estimated 40,000 vacant lots, more than a quarter owned or controlled by the city because of complaints lodged against them. Hundreds have been randomly selected for the trial. A third will remain as they are. Another third will get monthly trash cleanups, but nothing more. A final third will get Land-

Care's standard treatment: They will be cleaned, enriched with topsoil, graded, planted with grass and trees, enclosed with simple wooden fencing, and maintained monthly.

The city has much to gain from this study. It is already financing LandCare's greening work. If the program is shown to enhance health and reduce violence, Philadelphia can redouble its efforts in what is a very inexpensive intervention. Moreover, the simplicity of the greening treatment means it can easily be extended to lots outside the study, as well as to other cities across the United States.

he word greening somewhat underdescribes what happens to the blighted lots. They are turned into little parks, with a fence that defines their perimeters. The fence is not intended to keep people out: it is just two horizontal rails, knee- and waist-high, always with an entry large enough for a lawn mower. After the greening, the lots are cleaned and the grass is mowed on a regular schedule. A passerby can view the site in its entirety; there are no hiding places for guns or bodies. The fence and the trees planted inside are intended to draw attention to the setting. Drug dealers don't set up out in the open.

Branas hypothesizes that the greened lots may do much more than just lessen crime and gun use in a neighborhood. Those results are clearly beneficial; they represent the removal of a health threat. But Branas's hunch is that the greened lots are actually promoting health, and in a profound way.

When a neighborhood is deteriorating and plagued by crime, he explains, people retreat into their own spaces. They put up barriers so they can't be seen and can't see out. They cease to take part in life on the street. While no one observes it, conditions there become progressively more disordered, and then people rarely go out at all. They stop talking to their neighbors. They get no exercise. They become isolated, sedentary, stressed, and susceptible to a host of mental and physical issues.

Based on the study Branas already completed, LandCare has stepped up greening projects near schools, recreation centers, and community gardens to support and protect those places where human interaction already exists. Branas's theory is that greened lots on a wider scale can reverse the unhealthy hunkering down of whole communities. They can draw people out onto the street again, to connect with their own geography and, more importantly, with one another.

A longer version of this article appeared in the Spring 2013 issue of Penn Medicine. Used by permission.

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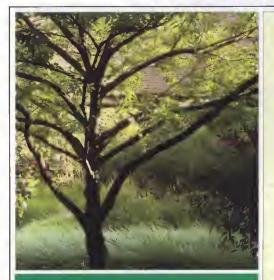
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# Rebuilding Neighborhoods

## One Green Space at a Time

BY NICOLAS ESPOSITO

he other night at a friend's birthday party, an acquaintance introduced me to her young daughter as "farmer Nic." The farm she referred to was the quarter of a city block in Kensington that my wife, Elisa, turned into Emerald Street Urban Farm five years ago, and that she and I manage today. I imagine that the woman's intention was to express the importance of growing food. But even though Emerald Street Urban Farm provides literally tons of

food for our surrounding neighbors and for those who rely on the nearby St.

Francis Inn Soup Kitchen for their daily meals, the woman's introduction made me feel self-conscious

It wasn't because of how small our farm is, or the fact that my full-time job and other commitments leave me with only a few hours a week to actually grow food. I felt self-conscious because after my stint as the Green Machine program coordinator for PHS, helping people plant gardens in neighborhood parks, I

became a complete convert to the cause of horticulture.

Of course, growing food and feeding people will always be a part of my life. But after working with 15 parks groups over the past two years to redesign, replant, and maintain their park garden beds, I now believe that horticulture is the most powerful tool for building and maintaining a healthy, thriving, and peaceful community.

Many Green Machine projects contributed to my reformation, but my most formative

experience was working with the Friends of Lutheran Settlement House Garden at Frankford Avenue and Master Street in Fishtown. During my first meeting with the friends group to take a site survey, I noticed that the main feature of this park was a circle garden with a large concrete planter in the center. The view from a nearby bench was of a leggy rose bush in the planter, and a hodge-podge of sparsely planted herbs and garlic bulbs. Running with the theme of herbs

An arbor at Johnny Brenda's creates a neighborhood green space.

and the layout of the garden, the first design that came to my mind was an herb spiral.

The basic function of an herb spiral is to construct an elevated garden bed that follows the path of a spiral, allowing water to flow from the high point to the low point. After removing all of the existing plants, the Settlement House volunteers and I constructed a spiral out of river rock off of the center planter, and placed the more drought-tolerant herbs such as rosemary, sage, lavender, and oregano at the top.

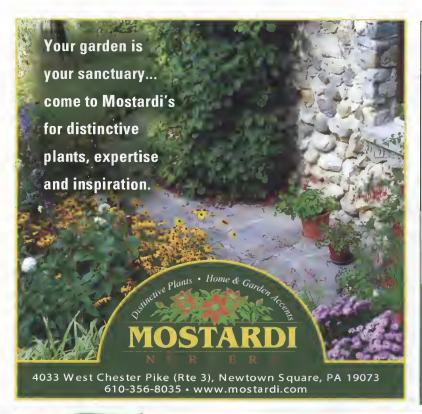
At the bottom we planted moisture-loving thyme, basil, and Echinacea. The result was a productive, easy to maintain, and aesthetically pleasing garden.

As soon as the spiral was finished, two people rode up on their bikes and commented on the garden. After we cleaned up and put a few burgers on the grill in the backyard of one of the organizers, we saw at least ten more people pass through, inspecting the structure and the plants with surprise and awe.

Nearby, in Kensington, a neighborhood that has been ravaged by drugs and the loss of manufacturing jobs, Frankford Avenue's revitalization is the key to redeveloping the entire neighborhood. The avenue has gained a dozen restaurants and bars, a few cafes, artist co-working spaces, a record store, and even a sculpture gym in recent years. But although artisan-inspired interiors exist behind the freshly painted facades of these shops, the weeds growing out of the cracked sidewalks still speak of desolation.

That's why new features such as a beautifully built and planted arbor in the outdoor seating area at Johnny Brenda's and Little Baby's Ice Cream's lush parklet have such an impact.

These business owners share a belief in horticulture that I gained through my time with the PHS Green Machine, and that I hope every business owner on Frankford Avenue also adopts—the best complement to feeding people's minds and bodies is planting a beautiful garden to feed their souls.



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# **GEORGE BALL**



A Tradition of Giving

CEO, W. Atlee Burpee Company, President, The Burpee Foundation

BY JANE CARROLL

ust about any American gardener knows the name Burpee. Founded in 1876, W. Atlee Burpee Company is one of the oldest and largest horticultural retailers in the United States. But many people aren't aware that the company also has a charitable arm, the Burpee Foundation, which for many decades has been a big supporter of PHS.

The Burpee Foundation is headed by George Ball, CEO of the Burpee Company. And for Mr. Ball, philanthropy, like gardening, is in his blood.

"I was raised in a religious German-American family in the Midwest," Ball says. "My parents taught us that giving back is just what you do."

He notes that Burpee first assisted PHS with funding for the Philadelphia Flower Show back in the 1920s at the direction of Lois Burpee, daughter-in-law of company founder Washington Atlee Burpee.

"When I came to the company in 1992, I went whole hog for continuing to help PHS," says Ball. The Foundation had already been the main sponsor of a training program for inmates on Riker's Island in New York, so when PHS launched its City Harvest program in 2006—which includes a job-training program for prison inmates and engages them to start seedlings for transplantation in community gardens—the Burpee Foundation was a natural fit as one of the program's earliest supporters.

The Burpee Foundation recently awarded PHS \$225,000 for enhancements to the garden and greenhouse operations at the prison's Northeast Correctional Facility, a key component of City Harvest.

Over many years, Burpee has donated huge amounts of seed for PHS projects, has exhibited at the Flower Show, and has supported other programs involving children's education and community gardens in low-income neighborhoods.

"George Ball and Burpee have been fantastic friends of PHS and the Flower Show," says PHS president Drew Becher. "George's continuing support for City Harvest has been crucial to the program's success."

Mr. Ball is also very interested in helping those affected by war. Recently Burpee has created and distributed, via the USDA, the "Welcome Home Garden" for every American soldier returning from Iraq and Afghanistan. Burpee has provided 150,000 returning veterans with a package containing 12 seed packets (nine of easy-to-grow vegetables and three flowers), along with gardening instructions and cooking recipes.

#### TRENDS IN GARDENING

Asked about what he sees as new trends in gardening, Ball notes that gardening itself—particularly vegetable gardening—is currently a huge trend. "People are eating less meat," he says, "and there is a lot of interest in 'savory' vegetables like radishes, kale, green beans, eggplants, and squashes."

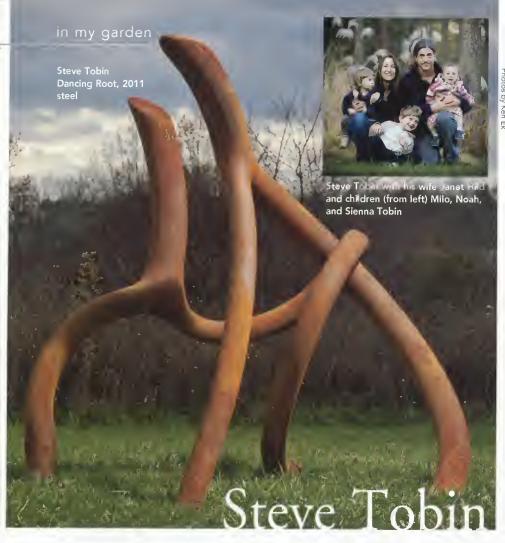
While Burpee has seen its business quadruple in the last 20 years, Ball's new goal, nevertheless, is to triple the number of gardeners in America. To that end, both the company and the Foundation focus on education at all levels. A visit to Burpee.com reveals an extensive 'how to' section for beginning gardeners.

"I think the biggest thing new gardeners need to know is not what to do but when to do it," says Ball. That's one reason Burpee recently launched a new application for mobile devices called "Garden Time." It helps gardeners determine when to sow, transplant, and expect to harvest vegetables and herbs specific to their own gardening regions, and even their own individual gardens.

#### AT HOME AT FORDHOOK FARM

George Ball makes his home at Fordhook Farm, in Doylestown, Pa. The 60-acre property is the historic farm of the Burpee Company. It includes mature woodlots with understory shade gardens, full-sun annual and perennial gardens, ornamental gardens, container gardens, a collection of rare trees and shrubs, and, of course, vegetable gardens. The demonstration gardens and test gardens at Fordhook Farm are where Burpee products are put through the rigors of gardening challenges before they hit the market.

As an art fan, Ball has also integrated sculpture into the landscape at Fordhook Farm. As to the garden's design, he says, "I don't follow any rules—it's just me. It's a combination of art and nature."



Steve Tobin is an acclaimed sculptor whose work has been exhibited all over the world and is part of the collections of the Philadelphia Museum of Art, the Sculpture Foundation, the Boca Raton Museum of Art, and many others. He grew up in Villanova, Pa., and now lives on a 14-acre property in Pleasant Valley, in Berks County, Pa. A long-time gardener, Tobin takes his artistic inspiration from the natural world. You can see his work firsthand at the upcoming 2014 PHS Philadelphia Flower Show, "ARTiculture" (March 1 through 9). Learn more about him at stevetobin.com.

## What was your earliest experience with gardening?

My mom has always had a greenhouse where she grows flowers, vegetables, and now orchids. One of my earliest memories is of sticking my fingers into the dirt in her greenhouse, so my love of flowers and gardening started at a very early age.

## What types of plants do you grow at home?

For more than 35 years I've grown my own vegetables and experimented with different varieties. George Ball [CEO of the Burpee Company—see

interview on page 45] collects my monumental sculptures to display at Fordhook Farm, and in exchange he gives me seeds and plants to try in the garden. I also make my own maple-walnut-sassafras syrup from trees on my property. I have several bamboo gardens and I like to mix sculptures in with the bamboo and with tall grasses.

# Can you talk about the relationship between your work and the landscape?

I can trace the themes in my work—almost everything back to my love of plants and gardens. My monumental whereas some outdoor sculptures serve as a focal point—a visual anchor at the end of a path in a formal garden, for example—my pieces are lines in space. They act as windows that you can see through.

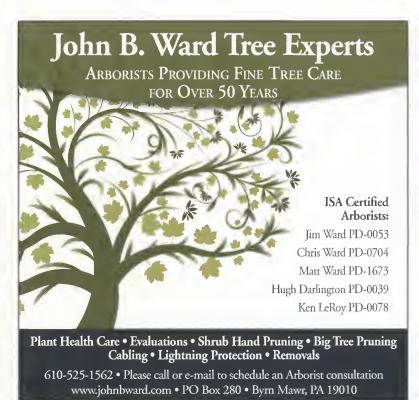
My series called Steel Roots debuted at the Morton Arboretum in Illinois. Roots are the underground ecology of any garden or landscape, which we don't see but which is so important. The roots are also a metaphor for unseen power.

## How do you determine the scale of your work?

I don't put any limitations on scale. I think small pieces can be as powerful as monumental ones. It's all about the right placement. I did an installation at the Minnesota Landscape Arboretum [in Chaska, Minn.], where small sculptures—one to three feet high—were placed in a bonsai garden. They were so properly placed that they felt just as strong as larger pieces. When I choose a location for a piece, I try to create a magic moment between the viewer. the sculpture, and the surroundings.

# What would you say to a gardener who wants to incorporate art into his or her garden?

Again, the placement is so important. Just like when you add a plant, a rock, or a tree to your garden, you should look at the artwork's color, size, texture, where the shadows fall, and the footprint. The only difference is that a plant will grow and change, but a sculpture will not.







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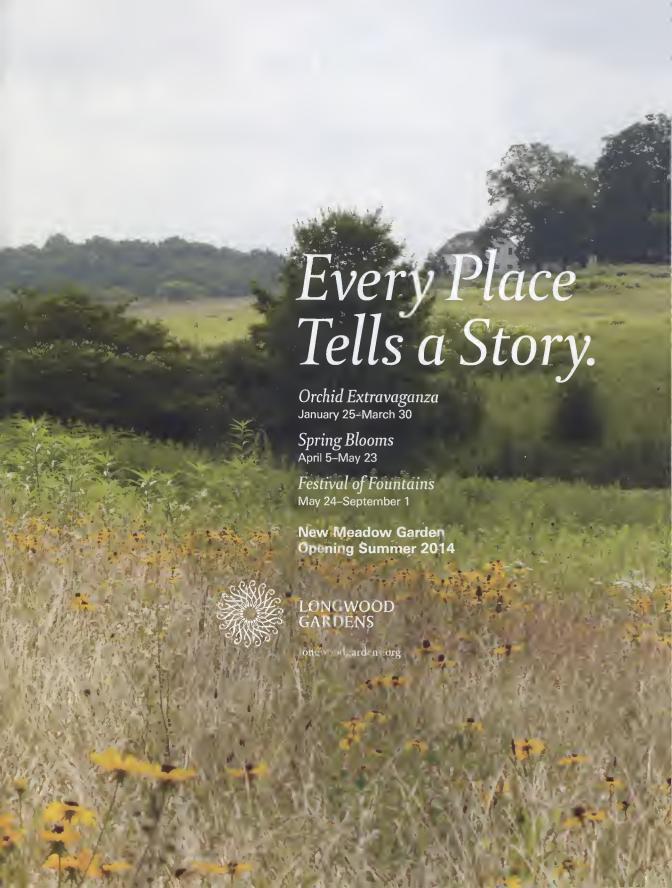
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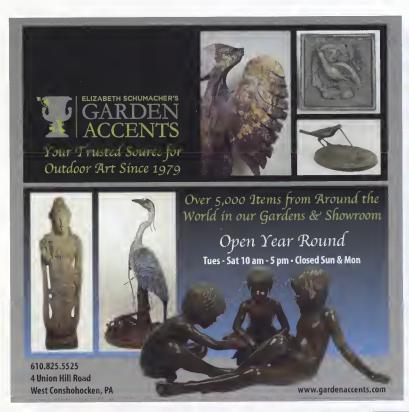
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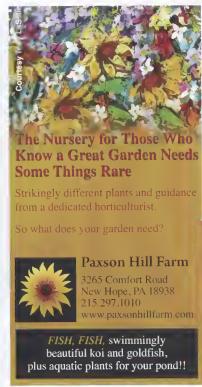
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# An Artistic Turn for the FLOWER SHOW

choosing the theme for the 2014 PHS Philadelphia Flower Show, we decided to take a very different approach. The shows over the past decade have explored geographic themes, from Irish forests to Hawaiian beaches to London landscapes. And each time, our amazing exhibitors transformed an indoor space in the middle of an East Coast city into another corner of the world.

The business plan we developed for the Flower Show emphasized the need to diversify our themes. And at a gathering two years ago of PHS staff, exhibitors, sponsors, partners, and other members of the Flower Show "family," the concept emerged for a show that celebrates the relationship between art and horticulture.

So this year, we're taking visitors somewhere very different—where the worlds of art and horticulture meet. Of course, they meet in many ways: in a still-life of flowers, in a realist or abstract landscape painting, in a well-designed public park, or a beautiful window box. In "ARTiculture," you'll see thousands of examples on the ten-acre living canvas of the Pennsylvania Convention Center.

The theme also presents the opportunity to work with the largest collection of art



museums and institutions ever assembled for one event, working with the world's great floral and garden designers. We couldn't be in better company. (See below

for the list of museum partners.)

In addition, the Flower Show's Exclusive Sponsor, Bank of America, is loaning a group of Andy Warhol's floral prints for a special exhibit. A selection of pieces by new and emerging contemporary artists from the West Collection, in Oaks, Pa., will be on display in the Grand Hall. And Steve Tobin, a brilliant sculptor from Bucks County whose pieces appear in collections around the world, is bringing some of his monumental works to the Flower Show.

So, we think you'll enjoy the approach of the Flower Show this year. We hope it takes you to a place you haven't been before, a place where you'll find excitement, beauty, and inspiration.

Personally, I can't wait to get there. See you at the show.

- Comment

Drew Becher, PHS President

## Museum Partners Barnes Foundation

Brandywine River Museum of Art Brooklyn Museum Fresh Artists The Getty Grounds for Sculpture Guggenheim Museum Noguchi Museum North Carolina Museum of Art Penn Museum Pennsylvania Academy of the Fine Arts Philadelphia Museum of Art Collection of the Prince's Palace Monaco Smithsonian National Portrait Gallery Storm King Art Center Wayne Art Center Woodmere Art Museum



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# Where the MONEY Goes

Flower Show Revenue and PHS Membership Support a Great Cause

A Sany Flower Show devotee knows, the PHS Philadelphia Flower Show is a spectacular annual celebration of gardening and horticulture. But the Flower Show is more than that. Every ticket purchased for the

show supports the yearround work of PHS, including programs that help improve the lives of thousands of people and promote a greener and healthier environment.

The organization's signature initiatives include PHS Harvest, an inspiring program that promotes green jobs and makes fresh, nutritious produce more widely available in underresourced neighborhoods. Through City Harvest, inmates at the Philadelphia Prison System grow seedlings in a greenhouse, receive training in gardening and basic landscaping, and develop valuable life skills. The seedlings they grow are transplanted and raised to maturity by volunteers in community gardens throughout the city. City Harvest gardeners have donated more than 106 tons of food since the program

began in 2006. A related initiative, **PHS Roots to Re-Entry**, helps place participating inmates in jobs in the landscaping industry after their release.

City Harvest also includes a small-business component. The City Harvest Growers Alliance is a support network for small market producers who grow fruits and vegetables for sale in their communities. It includes "Green Resource Centers" that serve

as neighborhood-based hubs where gardeners can pick up supplies and receive hands-on training in organic and sustainable gardening methods.

Flower Show revenues are also putting new trees into the ground throughout the Greater Philadelphia region. As leader of the Plant One Million partnership and creator of the renowned Tree Tenders program, PHS is working to ensure a sustainable urban forest, which plays a critical role in a healthy environment. Trees clean the air, improve health, reduce summer cooling costs, and protect rivers and streams from pollution and erosion. To date, more than 288,160 trees have been planted in southeastern Pennsylvania, New Jersey, and Delaware through Plant One Million.

For more than 20 years, PHS has been

transforming neglected public spaces in Philadelphia's downtown into exceptional landscapes that attract visitors and add to the city's appeal as a tourist destination. Working with non-



profit, philanthropic, and government partners, PHS has led major rejuvenations of Logan Square, the grounds of the Rodin Museum and Philadelphia Museum of Art, the Azalea Garden, and important gateways. Moving forward, PHS will bring its horticultural and design expertise into residential neighborhoods. An ambitious plan calls for beautifying community-based landscapes, commercial corridors, and regional gateways over the next 10 to 15 years.

Another vital program is PHS Philadelphia LandCare, which transforms blighted vacant lots into clean, green neighborhood open spaces, improving both the visual appeal and the economic prospects of neglected neighborhoods. As an added bonus, groundbreaking research at the University of Pennsylvania has demonstrated that PHS's signature "clean and green" treatment of these lots actually reduces violent crime.

Your PHS Philadelphia Flower Show ticket, along with your membership dues, help make all of these programs-and much morepossible.

Want to do more? Purchase Flower Show tickets for your friends and loved ones and encourage them to join PHS. Or, visit PHSonline.org and click on "Support" to make a secure online donation to the PHS Fund. Call the PHS Development Department at 215.988.1622 to learn more ways to give. Thank you!

Visit PHSonline.org to learn more about PHS initiatives.

### **BE IN THE KNOW** with the 2014 FLOWER SHOW



The Flower Show App returns in 2014 with enhanced features to improve the user experience. Do you want to know when your favorite garden expert is speaking, where the popular miniature settings are located, or where to buy a sandwich? All the happenings at the Show are at your fingertips with the free Flower Show app for smart phones and iPads.

Once you download the app, you'll find maps, shopping discounts, exhibitor information, special events, and a schedule of demonstrations and speakers—and much more. For example, you can vote for your favorite creation at the Designer's Studio during the presentation.

Consult the app in advance to plan your visit, and use it at the Show. If you register with the app, you can save your favorites for future reference, and if you downloaded the app last year, simply update it to get the latest information. Be sure to synch the app when prompted so you don't miss any last-minute updates!

It only takes seconds to download. Search for "PHS Flower Show" in your device's app store, and get in on the excitement!

#### Recent Grants to PHS

PHS is grateful to our foundation and corporate funders for their generous support of vital PHS programs. If you would like to become a contributor, please visit our Support page at PHSonline.org or contact the PHS Development office at 215.988.1622.

The Uphill and Panaphil Foundations awarded PHS \$50,000 over two years for urban greening work in Philadelphia.

The Merck Family Fund provided \$20,000 for a Strawberry Mansion Green Resource Center youth project, in partnership with East Park Revitalization Alliance.

Continued support for the PHS Green City Teachers program was provided by Subaru of America Foundation (\$10,000), The Hamilton Family Foundation (\$10,000), and GlaxoSmithKline (\$7,500).

Independence Blue Cross Foundation awarded PHS \$10,000 for a new school garden partnership project.

The Pennsylvania Department of Conservation and Natural Resources awarded PHS a total of \$200,000 for tree planting through the TreeVitalize initiative.

## Get Social at New Flower Show Destination

Online and in person, The Green Room is the hub for Flower Show buzz.

BY DANIEL MOISE

New for 2014, the PHS Philadelphia Flower Show has an interactive area called The Green Room. Located on the Flower Show floor, The Green Room is a social media hub that displays tweets, Instagram pics, and more in real time. You can ioin in the conversation in person or by following the Flower Show online. Search @philaflowershow on Twitter, Instagram, and Vine to get connected. Be sure

to find the Flower Show on Facebook too.

Not particularly tech-savvy? The Green Room also features book signings, live exhibitor interviews, and more. You may even be asked to step into the spotlight and have a brief shining moment as a Flower Show celebrity!

The Green Room goes live on opening day, Saturday, March 1.





























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# GROUNDS FOR SCULPTURE



LEFT: Green Mountain Energy™ Sun Club™ has awarded \$40,000 to PHS to fund a solar installation at Meadowbrook Farm in Meadowbrook, Pa. The installation will supplement Meadowbrook's electricity usage with a new source of renewable energy and provide solar education for visitors. Shown left to right are Nicholas Pytel, PHS associate director for business development, PHS president Drew Becher, Tony Napolillo, Sun Club program manager; and Zac Lowder, market manager.



ABOVE AND AT RIGHT: On January 15, PHS hosted an evening event at Zahav restaurant to celebrate Tu B'shvat, the Jewish New Year for Trees. For each ticket purchased, a tree will be planted in the Philadelphia region and in Israel. Shown above (left to right) are Barry Freedman, president and CEO of Einstein Healthcare Network; Marina Furman, regional director for the Jewish National Fund; PHS president Drew Becher; and Yaron Sideman, consul general of Israel for the Mid-Atlantic region.



# We want to hear from you!

Green Scene wants your feedback. Tell us what you're doing in your own garden, ask us a question, or offer a comment on something you've seen in the magazine.

With the 2014 PHS Philadelphia Flower Show in mind, we recently asked our friends on Facebook and Twitter to share their favorite Flower Show memories. Here are some of their random recollections.

### TWEETS:

My fave #FlowerShow memory is from the 2012 Hawaii Show. Surf's Up by American Ivy Society!

My best moment? When a rare, perfectly grown but SMALL euphorbia took Best of Day after being forwarded by our judging panel.

Favorite #FlowerShow memory: Walking into "Brilliant!" after a very tough winter & being reminded of my trip to England.

# FACEBOOK POSTS

**Ellen G:** The flower show is always the week of my birthday. Over the last few years I've created my own birthday tradition of going and celebrating me with one of my favorite things—flowers.

**Kay R:** One year I pushed a stroller through the show (probably '88 or '89) with my tot Brian in it and was thrilled to see someone selling a "Baby Brian" violet! What a memory!

**Veronica M:** My sister, cousin, and I have made the flower show our annual must-goto every year; an old friend took me once and I was hooked. Can't wait for this year's theme, especially since I consider myself somewhat of an artist.

Tania S: I actually celebrate with my dad, as well, as his birthday is a few days later—nothing like father-daughter time, and he's the one that instilled my passion for flowers.







Please send your comments, questions, suggestions, and tips. Snail Mail: Editor, Green Scene Magazine, 100 N. 20th St., Philadelphia, PA 19103 Email: greenscene@pennhort.org.

Membership questions: PHS-info@pennhort.org.



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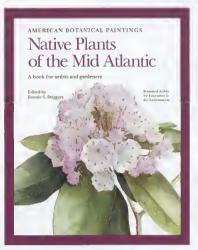
colonists used plants for food, medicine, and tools. We hope our book will inspire

We hope our book will inspire readers to add more native plants to their gardens, helping to protect our fragile environment.

The U.S. Botanic Garden was thrilled to be a part of this book as it embodies what we know to be vital—

what we know to be vital –
our world is better and richer with fine botanical
art, and the plants in our backyards, in our
woods, and along the roadsides are amazing!

— Holly Shimizu Executive Director, U.S. Botanic Garden BOTANICAL ARTISTS FOR EDUCATION & THE ENVIRONMENT



Visit the exhibition at the U.S. Botanic Garden February 15 - June 15, 2014 The beauty of the botanical illustrations and of their pollinators is breathtaking and the scientific accuracy is outstanding. The accompanying text with fascinating information on pollination and other life cycle insights as well as historical medical and other uses of these fascinating native plants makes them come alive for the reader. This book is a visual delight and a good read for anyone who has an interest in our native

— Marion B. Lobstein Vice-President Foundation of the Flora of Virginia Project

This is a delightfully illustrated book, beautifully designed and with lots of variety in the choice of plant subjects. I admired the standard of painting and the fresh, appealing studies which will be attractive to both naturalists and gardeners.

— Dr. Shirley Sherwood, OBE Botanical art collector

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# How **ARTiculture Bloomed:**

Behind the Scenes with

# FLOWER SHOW DESIGNERS

Turner's landscapes. Van Gogh's sunflowers. Monet's water lilies. Hiroshige's cherry blossoms. Warhol's flower prints. Natural settings, floral arrangements, and gardens have inspired artists for generations.

Great art has also inspired great landscape and floral design, and the 2014 PHS Philadelphia Flower Show, "ARTiculture," will explore this relationship. PHS is partnering with internationally renowned art museums and institutions for this year's show, and floral and garden designers will take their cues from art found in these collections, creating exhibits that will transform the Pennsylvania Convention Center into a 10-acre living canvas.

A painting by American Modernist Marsden Hartley titled Flower Abstraction, which hangs in the Pennsylvania Academy of the Fine Arts, is the muse for landscape designer Tom

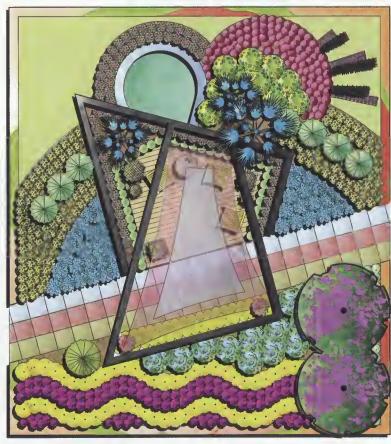
Morris, of J. Downend Landscaping in Delaware County, Pa.

"The colors are so vibrant and ahead of the artist's time," Morris says. "And there are so many levels to the painting. I see a three-dimensional garden as I look at it, like a blueprint from above."

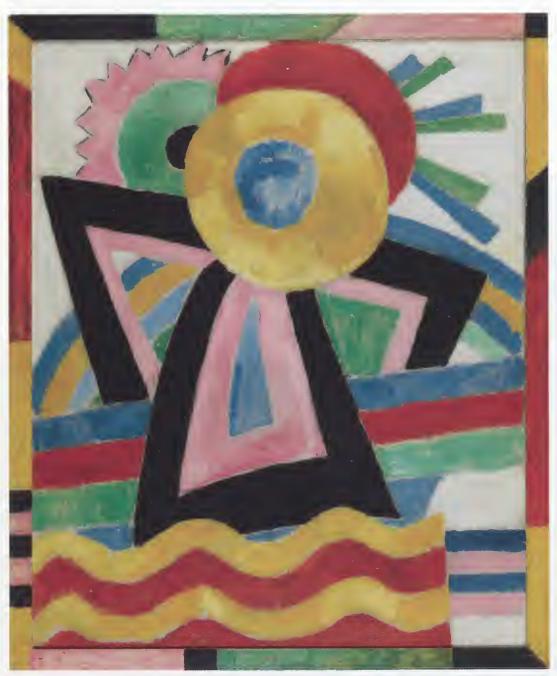
The J. Downend exhibit will draw on the painting's geometric shapes and masses of bright color combinations. This interactive exhibit will include an intimate sitting area and a path through a contemporary garden that is a mix of hardy native plant material and tropical plants. "People can interpret a garden as they interpret art for themselves," explains Morris. "This will be a kind of fantasy

garden."

Exhibitor Michael Petrie, of Michael Petrie Handmade
Gardens in Swarthmore, Pa., is creating a display influenced
by works by Henri Matisse found at the Barnes Foundation
in Philadelphia. Many of Matisse's cutouts and imagery were
based on leaves and other natural forms. Petrie will interpret



An exhibit by J. Downend Landscaping will recreate a painting by Marsden Hartley (shown on facing page) in flowers.



Marsden Hartley (1877-1943), Flower Abstraction, 1914, Oil on canvas,42 3/8 x 34 7/8 in., Pennsylvania Academy of the Fine Arts, Philadelphia, The Vivian O. and Meyer P. Potamkin Collection, Bequest of Vivian O. Potamkin, 2003.1.4.

# Great art has always inspired great landscape and floral design, and the 2014 PHS Philadelphia Flower Show, "ARTiculture," will explore this relationship.

The plan for the Scape Design garden is inspired by the work and life of artist Albert Diato, whose untitled painting is shown below.



those objects in large, abstract, free-form shapes in his Flower Show exhibit.

"The visual experience will be more like a painting than a garden, but it will have the qualities of a garden," says Petrie. "It will be three-dimensional and spatial, and it will change as you walk around it." He says the exhibit will have colors and shapes that "create compositions" from each side.

James Basson, whose Provence-based Scape Design focuses on sustainable landscapes, is creating a Flower Show garden sparked by a minimalist painting found in the private collection of Prince Albert of Monaco. The untitled painting by Monaco artist Albert Diato, which will be on view at Basson's Flower Show exhibit, will serve as the springboard for the garden, but the design will also represent Diato's ceramic works and his love of the Mediterranean Sea. The garden will reflect the beauty of simplicity and will include





#### Portrait of Sim Deukgyeong (1629-1710)

Artist/maker unknown, Yun Duseo Joseon Dynasty (1392-1910), 1710 Hanging scroll; ink and colors on silk 63 1/8 x 34 1/2 inches (160.3 x 87.7 cm) National Museum of Korea, Seoul. Bongwan 12850 Treasure No. 1488

a large silver bowl, orange arc, terra cotta cob wall, and burnt log seat—elements inspired by Diato's life and work.

Basson's garden will have a golden hue, like the untitled painting; he will use dried prairie plants and a mixture of grasses and flowers. "It is designed to be a golden field, but with nuances and subtle changes as the new growth starts from the base," he says.

The exhibit being created by the American Institute of Floral Designers (AIFD) for the Flower Show will take its inspiration from an extraordinary exhibition at the Philadelphia Museum of Art, opening in March: "Treasures from Korea: Arts and Culture of the Joseon Dynasty, 1392-1910," the first full-scale survey in the United States of this celebrated period in Korean history.

The AIFD team, led by Ron Mulray of Philadelphia, will focus on a specific piece, *The King's Feast*, from the Joseon exhibition. The Flower Show exhibit will use natural materials to interpret Korean dance, literary symbols, the Empress's robe, a culinary setting, and pottery. The centerpiece of the exhibit will be a recreation of a screen that was placed behind the royal members at the feast. "A sculptor will create this piece that interprets the panels, incorporating a metal structure but with the softness of floral designs," Mulray says.

"The extraordinary collaborations between the exhibitors and the museums for "ARTiculture" are resulting in amazing displays," says Sam Lemheney, PHS chief of shows and events. "We seem to be creating a new art form expressed in horticultural design."



Ten Longevity Symbols, Artist/maker unknown, Joseon Dynasty (1392-1910), Late Joseon, Ten-fold screen; colors on paper, 98 7/16 x 231 1/8 inches (250 x 587 cm), Private Collection

## Flower Show and Partners

# REDUCE ENVIRONMENTAL IMPACT PHS is taking a leading role in environmental stewardship in 2014

Green Mountain Energy becomes Carbon Offset Provider PHS is taking a leading role in environmental stewardship in 2014 through new sustainable practices at the PHS Philadelphia Flower Show.

This year, Green Mountain Energy is the Official Carbon Offset Provider of the Flower Show. Green Mountain is the nation's longest-serving renewable energy retailer and provides cleaner electricity to homes and businesses across the nation, including Philadelphia, making it a local and sustainable fit for the show. PHS is working with Green Mountain to track and offset the carbon dioxide and other greenhouse gas emissions created by factors like the Flower Show's electricity use, staff travel, and vehicles.

Following the show, Green Mountain will use the data to purchase third-party-verified carbon offsets to help balance out the event's footprint. Carbon offsets are investments in projects that reduce or avoid greenhouse gas emissions, allowing PHS to reduce the Flower Show's estimated environmental impact and support the continuation of these carbon-reduction projects.

Green Mountain will also have an exhibit at the show where visitors can learn about the company's Flower Show role and how they can support renewable electricity.

The Flower Show also incorporates practices that reduce power consumption, including the use of highly energy-efficient LED lighting system in the new Hamilton Horticourt, which cuts energy usage by 70 percent.

Many PHS Philadelphia Flower Show exhibits have promoted sustainable gardening practices. Shown here is a green wall from the 2013 PHS exhibit.



Plants and products at the Flower Show are recycled whenever possible. Show staff and exhibitors reuse props, signs, and staging materials; compost horticultural waste; seek eco-friendly contractors; use technology to minimize paper communications; and encourage exhibitors to reduce negative impact on the environment through careful planning and recycling of displays.

A special exhibit in the Grand Hall, "Public Art with a Purpose," will spotlight bicycling as environmentally friendly mode of transportation. The exhibit is being presented by the Bicycle Coalition of Greater Philadelphia in partnership with the Philadelphia Office of Arts, Culture and the Creative Economy, and will include a series of unique bike rack designs by local artists. The project is funded by the Knight Foundation, Center City District, and private donors. The bike racks will be exhibited at City Hall following the Flower Show, and will then be installed in Center City to enhance the downtown streetscape.

## Sustainable Practices at Convention Center

Strengthening the Flower Show's environmental initiatives are new steps being taken by the Pennsylvania Convention Center.

In 2014, for the first time, the Convention Center is being powered with a portion of renewable energy—including wind energy—through NRG Business Solutions, a part of NRG Energy, Inc. The Convention Center's electricity usage will include 25 percent renewable energy as part of the recent agreement with NRG.

The Convention Center's larger sustainability efforts include LEED-Gold certification of the center's 2011 expansion; stronger and more energy-efficient lighting with the use of LED lights in the 12th Street underpass; and plans to upgrade interior meeting room lights that will add to visual clarity, cost savings, and reduced energy usage. More information about the Convention Center's green initiatives can be found at paconvention.com.

Coming off the Greenbuild International conference, the world's largest conference and expo dedicated to green building, which was held at the Convention Center last November, the venue's exclusive catering company, ARAMARK, is also implementing more environmentally friendly practices.

"The building is moving away from single-stream recycling to multiple-stream recycling and will begin to compost onsite," said David Bianco, general manager for ARAMARK at the Convention Center. The building has increased its recycling capacity from 15 percent to 75 percent.

ARAMARK is working with its primary vendors to come into compliance with organic and specific geographic parameters in order to use locally and naturally grown food. Disposable and compostable packaging products are also being introduced in order to reduce the eco-footprint of the building. For more information on ARAMARK's environmental stewardship program, visit aramark.com.





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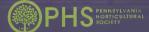


The PHS Garden Trends Report

# 2014

the PHS Philadelphia Flower Show, the at the Flower Show where the country's companies, garden clubs, and flower-

and ideas to help you make the best



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## the Flower Show

#### Elegant souvenirs, great plants, and SHOPPING a new book about at the Flower Show





- 1. Images of America: The Philadelphia Flower Show, \$21.99
- 2, 2014 PHS Philadelphia Flower Show Silk Scarf, \$46
- 3. Indoor combination planter from PHS Meadowbrook Farm.
- 4. 2014 Philadelphia Flower Show fabric designed exclusively for ARTiculture; it will appear in gardening aprons, totes, and more.







Amid gorgeous gardens and inspired displays, the 2014 PHS Philadelphia Flower Show, "ARTiculture," will offer an array of great shopping opportunities. From exceptional plants and garden tools to clothing, candles, and collectibles—as well as a new photographic history of the Flower Show—shopping at the show promises unique products and services.

The PHS Store at the Flower Show will present an expansive selection of gifts and souvenirs. The store will feature the official Flower Show silk scarf created from an original watercolor; collectibles like the Flower Show mug and pin; and a customblended Flower Show tea.

Hot off the presses from Arcadia Publishing, a new book allows Flower Show visitors to take home some Flower Show history. The book, Images of America: The Philadelphia Flower Show, is a collection of photographs from the PHS archives, showcasing nearly two centuries of floral artistry, unforgettable gardens, and the people who created them.

In addition to Flower Show merchandise, PHS will introduce an expanded line of PHS lifestyle products, including new PHS gardening gloves and three PHS Soaps: Honey and Oats, Milk and Freesia, and Tea Olive.

PHS Meadowbrook Farm will bring an abundant selection of gorgeous plants and one-of-a-kind garden accessories to the show. Transform your home and garden with unusual hanging baskets, stunning succulents, fresh potted herbs, combination planters, distinctive terrariums, and PHS Gold Medal plants chosen by industry experts for their beauty and quality.

Once visitors have explored the PHS Store, they can make their way to the Flower Show Marketplace, a premier shopping destination. The Marketplace will feature more than 200 of the finest craftspeople, floral shops, and home décor and gardening vendors from around the world. PHS members receive 10 to 20 percent discounts at select vendors. Look for the sign at vendor locations. Also see page 73 for a shopping coupon.

For a full list of 2014 Marketplace vendors, please visit theflowershow.com or find it on your Flower Show app!



## Sun, fresh air and water make the flowers grow.

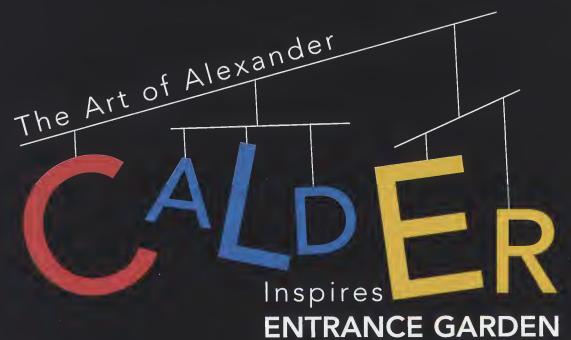
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BY ALAN JAFFE



#### ART AND HORTICULTURE

have been closely aligned on canvas and in sculpture from the Old Masters to the Modernists to the contemporary generation of artists. That relationship will find new expression in "ARTiculture," an extraordinary presentation of the PHS Philadelphia Flower Show, on view March 1 to 9, at the Pennsylvania Convention Center.

The Entrance Garden of "ARTiculture" will be inspired by the paintings and sculptures of Alexander Calder, a member of Philadelphia's historic family of artists, and will feature a remarkable aerial dance troupe who will perform above and within the multi-dimensional display. Visitors to the Flower Show will be able to walk through the exhibit's central "frame" and become part of the art as well.

"This is the most colorful central feature ever created for the Flower Show," explains Sam Lemheney, PHS chief of shows & events, who designed the exhibit with Gary Radin and Bill Lance of GMR Design. "Alexander Calder's art is bold, bright and modern, and his primary color palette lends itself so well to interpretation in a Flower Show garden."

Calder's two-dimensional work—his paintings and prints—serves as inspiration for the exhibit, but it will "come to life in three dimensions" at the Flower Show, says Lemheney. Three oversized frames—the largest will be 30 feet high by 50 feet wide—will encompass the garden of topiary shapes, sculpted trees, rounded boxwoods, and suspended elements that recall Calder's remarkable mobiles. As visitors get closer, they will discover that the surfaces are made of fresh and dried flowers, grasses, stone, glass, and fabric, which reveal themselves as individual art forms

within the exhibit. These will be decorated by volunteers under the guidance of floral designer Barb King of Valley Forge Flowers. The garden will be planted with hyacinths, Gerbera daisies, sunpatiens, red celosia, blue salvia, marigolds, schizanthus, tiger eye violas, and other blooms, so that the impact of color and scent embraces visitors at every level.

"The first frame that visitors see as they enter will show how we frame our view of art and horticulture," says co-designer Gary Radin. As they move around the display, the exhibit will change dramatically with visitors' point of view.



"Alexander Calder's art is bold, bright and modern, and his primary color palette lends itself so well to interpretation in a Flower Show garden."

—Sam Lemheney
PHS Chief of Shows and Events



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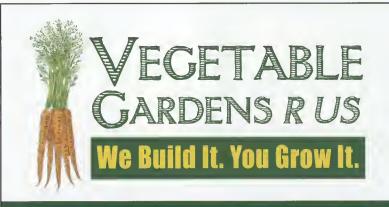


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#### **About the Calders**

Alexander Calder, known as the originator of the mobile, was the grandson of Alexander Milne Calder (1846-1923), the son of a tombstone cutter who studied carving at the Royal Institute of Arts in Edinburgh, as well as in Paris and London. In 1868. Alexander Milne Calder came. to Philadelphia, where he studied at the Pennsylvania Academy of the Fine Arts (PAFA) with painter Thomas Eakins. He created some 250 sculptural decorations over the span of two decades for Philadelphia's City Hall, including the statue of William Penn that sits atop the building and is the signature artwork on the city skyline.

Alexander Milne's son, Alexander Stirling Calder (1870–1945), also studied at PAFA and later at the Académie Julian and École Des Beaux-Arts in Paris, His sculptures can be found in Philadelphia's Fairmount Park, Laurel Hill Cemetery, and at the University of Pennsylvania Museum. For the Swann Memorial Fountain at Logan Square, he created three Native American statues representing the city's main waterways. The Swann Fountain is surrounded by a beautiful landscape maintained by PHS.

Alexander "Sandy" Calder (1898-1976), was a sculptor, painter. illustrator, printmaker and designer who studied with John Sloan in New York and in Paris was influenced by Joan Miró and Paul Klee, His colorful mobiles were a major contribution to modern sculpture. The work of Alexander Calder is found in museums throughout the world. His mobile entitled Ghost hangs at the Philadelphia Museum of Art, in line along the Benjamin Franklin Parkway with his father's fountain at Logan Square and his grandfather's sculptures on City Hall.

#### Aerial dance troupe to perform above and within the sculptural garden

BANDALOOP, the California-based aerial troupe that has performed on the sides of skyscrapers, bridges, cliffs, and other sites around the world, will animate the exhibit like a giant Calder mobile. Suspended from an overhead structure, the dancers will perform above the exhibit, on the frames and sculptural pieces, and on stages within the display. The group will present seven performances each day. Learn more about this troupe at bandaloop.org.

"The exhibit is designed with the performers in mind," says Gary Radin. "They will interact with the structural elements, climbing on them and bouncing off as part of their vertical ballet."

Between dance performances, digital ultraviolet light shows will illuminate a collage of imagery, textures, and glowing phosphorescent paint effects in the garden.







### philadelphia PHS flower show

#### **Visitor Information**

#### Dates:

March 1 – 9, 2014

#### Hours:

Saturday, March 1, 11:00 am – 9:00 pm Sunday, March 2, 8:00 am – 9:00 pm Monday – Friday, March 3 – 7 10:00 am – 9:00 pm Saturday, March 8, 8:00 am – 9:00 pm Sunday, March 9, 8:00 am – 6:00 pm

#### Location:

Pennsylvania Convention Center 12th & Arch Streets Philadelphia, PA 19107

#### Show information:

theflowershow.com 215.988.8899 (recorded information)

#### ADMISSION

PHS members: Free Advance Tickets (good any day)

Group (25+) tickets: Adults \$25 Individual: Adults \$27\* Student: \$20 (Ages 17 – 24 must present valid ID and proof

of age upon entry)

Children: \$15 (Ages 2 – 16)

Free admission for children under age 2 \*Print-at-home service fees will apply.

#### VIP All-Access Package \$125.00 (plus \$2 service fee)

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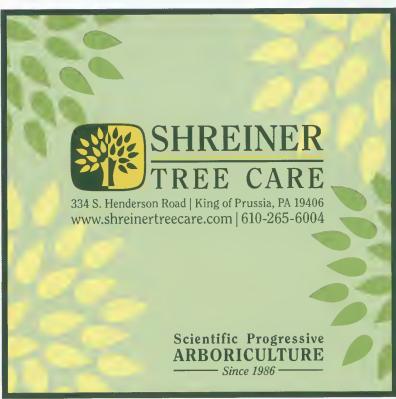
**Adult: \$32** 

**Student:** \$22 (Ages 17 – 24, must present valid ID and proof of age upon entry)

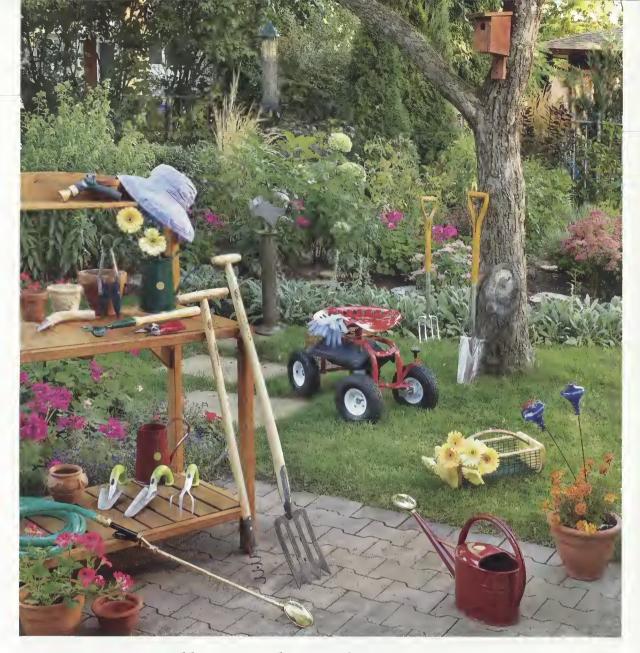
Children: \$17 (Ages 2 – 6)
Free admission for children under age 2

\*Sales Outlets: Individual tickets are available at www.theflowershow.com or at participating AAA Mid-Atlantic branches, ACME Markets, Giant Food Stores, and SEPTA ticket sales outlets, plus local garden centers, nurseries and florists. Service charges may apply.









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The PHS Garden Trends Report

## 2014

The Pennsylvania Horticultural Society (PHS) is proud to release this first annual Garden Trends Report in conjunction with the PHS Philadelphia Flower Show, the nation's largest horticultural event. It's at the Flower Show where the country's leading designers, top professionals, companies, garden clubs, and flower-lovers of all interests converge to share knowledge and inspiration.

This special guide is your ticket to 2014's most exciting new flowers, plants, products and ideas to help you make the best choices for your home and dream garden.



# HOT

The PHS Hot List covers the top trends for 2014, from gorgeous blooms to cutting-edge tools to lifestyle enrichment. The selections are aimed at homeowners and urban growers, brides-to-be and party planners, beginners and experts—anyone, really, who appreciates the beauty and benefits of flowers and gardens.

Recommendations for the Hot List came from surveys, research, and conversations with the PHS Philadelphia Flower Show's nationally renowned floral and landscape designers, industry professionals, horticultural authors, and of course, our experts at PHS.

Founded in 1827, PHS is a nonprofit organization dedicated to creating beauty and building community through gardening, greening, and learning. PHS offers programs and events year-round and around the world for gardeners of all levels. PHS works with volunteers, organizations, agencies, and businesses to create and maintain vibrant green spaces.







#### **Digiplexis**

At the top of the list of hot flowers for 2014 is this gorgeous new foxglove hybrid.
Digiplexis comes in super-bright colors and is a vigorous, superior plant that was a show-stopper at the 2013 Spring Trials, the industry gathering in California. The Digiplexis 'Illumination Flame' is the choice for passionate gardeners.

#### **CUT FLOWERS**

Rising to the top of cut flower selections in 2014 are sweet scented **peonies**, **roses**, and **hydrangeas**, as the blend of modern/vintage revival blooms are favored by brides and homeowners, according to international award-winning floral designer Bill Schaffer, of Schaffer Designs in Philadelphia. Tropical flowers and foliage mixed with "mainland" beauties also will lead the way this spring.

The PANTONE Color of the Year—radiant orchid—will no doubt splash over the worlds of fashion, jewelry, home décor and, of course, floral design, reports the International Floral Distributors Group. Flowers such as Florigene's Moon carnations, roses, and tulips, along with tropical blends of anthurium, cymbidium, and phalaenopsis, all fit the spring color scheme of purples and blues.

#### Begonia 'Unstoppable Upright Fire'

The new Begonia
'Unstoppable Fire' is
described as the floral
equivalent of exploding
fireworks, or fireflies sparkling
in dark foliage. The red-flame

in dark foliage. The red-flame flowers with long, dark leaves will illuminate any plot or container garden.

#### Viola Hip Hop™

What could be cooler than a flower named Hip Hop? This little viola also captures the "cute factor" with its bunny ears and happy face. Hip Hop comes in great colors, including hues that reflect PANTONE's hothot color for 2014, radiant orchid.



#### PHS HOT LIST

#### THE BIG TREND

is to "grow small" in gardens and landscapes in 2014. Homeowners in the city and suburbs are looking for ways to create compact green spaces, and there are superb options.

#### **Dwarf Japanese cedar**

(Cryptomeria japonica 'Globosa Nana')

Another PHS Gold Medal winner, this slowgrowing dwarf conifer shrub grows to 2 to 3 feet tall, but can reach 8 feet. The dwarf Japanese cedar has green sprays of foliage during the growing season that turn a handsome rusty red in winter. (Recommended for Zones 5-8)



#### Frohnleiten Fairy Wings

(Epimedium x perralchicum 'Frohnleiten')

Here's a plant for all seasons. This clumpforming herbaceous perennial has bright yellow flowers that bloom in airy clusters in spring. New bronzed leaves on wiry stems emerge and turn green by summer. Bronze marbling reappears in fall. The Gold Medalwinning epimedium is an attractive ground cover for shady areas.

(Recommended for Zones 5-9)



PHSonline.org

A

American fringe tree

(Chionanthus virginicus)

This attractive deciduous tree is a winner of the 2014 PHS Gold Medal, chosen by a panel of horticultural and industry experts. It is recommended for its compact size in a home landscape—12 to 20 feet tall—and can be grown as a multistemmed shrub or single-stem tree. It battles bugs and disease, and is a native that adapts to full sun or part shade. The American fringe tree has fleecy white flowers in spring, which drop like confetti as they fade. In fall, enjoy lovely yellow foliage. (Recommended for Zones 4-9)

#### INDOOR GARDENS

Miniatures and terrariums will boom in 2014. Mini alpines and evergreens are surging in popularity, and they can be used on tabletops, on window ledges, or under glass.

A fabulous new product is the **Japanese moss ball terrarium**, a magical little sphere with a rare species of algae called Marimo, which translates as "ball seaweed" and grows into velvety green balls. Growth is slow, but plants can live up to 200 years. These plants grow in normal household light and require a water change every one to two weeks.







#### PHS HOT LIST

IN 2014 homeowners and apartment dwellers will continue the move to outdoor spaces: patios, decks, balconies, roofs, and gardens of every size and shape. They all tend to share the desire for comfort and pleasure.

#### CULINARY

#### **Edibles**

The love of compact gardens and the desire for healthier lifestyles naturally leads to the popularity of dwarf bushes bearing super-healthy fruits that taste and look delicious. **BrazelBerries'** new **Blueberry Glaze<sup>TM</sup>** offers gorgeous color and wonderful fruit that can grow in a container on your patio or balcony. With its small stature and glossy, dark green leaves, Blueberry Glaze is reminiscent of a boxwood and can be easily shaped. (*Recommended for Zones 5-8*)



#### Drinkable

Homegrown and homebrewed beers have already become a major pastime for twentysomethings—and their parents. But the newest trend rising from the love of drinkable gardens is **mead**, fermented from a mixture of honey and water. It's not necessarily a sweet beverage. More popular varieties resemble dry champagne. "Break the rules, but learn them first," advises amateur beekeeper and mead maker Carl Medsker of the Catskills, N.Y.





## fireplaces & firepits

Outdoor spaces are being transformed into living spaces, with kitchens, fireplaces, and firepits where families and friends can gather. EP Henry, a longtime PHS Philadelphia Flower Show sponsor and exhibitor, offers a new **modular fireplace** in various configurations that can be customized with veneer options. Want to ratchet up the sizzle? Incorporate a pizza oven and become the neighborhood hot spot.

**LED** (light-emitting diode) landscape lighting cuts energy costs while enhancing outdoor spaces. Tiny star-like string lights add ambiance and charm to your space. LED lighting products are available through PHS Meadowbrook Farm to illuminate your outdoor or interior landscape.



You don't have to be a pro to appreciate the **Professional Gardener's Digging Tool**, distributed by Garrett Wade and available at PHS Meadowbrook Farm.
This little baby makes digging, dividing, and weeding so much easier. The tool is 12 inches long with a 7-inch curved, alloy steel blade that has a serrated edge for cutting roots and vines.





#### PHS HOT LIST

### PHS

Here's where you can find the plants and products on the 2014 Hot List



The secret to creating a garden you'll love is to let yourself bloom! "The 2014 Flower Show theme, 'ARTiculture', demonstrates that art and horticultural design work beautifully together as forms of self-expression," explains PHS president Drew Becher. So bring a piece of yourself into your garden, whether it's a beloved sculpture, household object, or flea market find—whatever inspires you—and make it a focal point of your landscape.



**Garden Flowers:** All varieties will be on view in the "New Plants Showcase" at the Flower Show and available for purchase through the PHS Store and PHS Meadowbrook Farm (meadowbrookfarm.org).

**Cut Flowers:** Visit your local florist for fantastic selections of the latest, greatest blooms.

**Trees, Shrubs, and Perennials:** PHS Gold Medal plants are sold at PHS Meadowbrook Farm (meadowbrookfarm.org) and in select garden centers throughout the United States.

**Terrarium Plants and Products:** Mini alpines and evergreens and Marimo moss balls can be found at PHS Meadowbrook Farm (meadowbrookfarm.org).

**Fireplace and Pizza Oven:** Available at EPHenry.com.

**LED Lights:** Available at PHS Meadowbrook Farm (meadowbrookfarm.org).

**Digging Tool:** Available at PHS Meadowbrook Farm (meadowbrookfarm.org) or at Garrettwade.com.

**BrazelBerries:** Available through Fall Creek Farm & Nursery (fallcreeknursery.com).

**Mead Making:** Read *The Compleat Meadmaker* by Ken Schramm, and visit the National Honey Board website, honey.com.





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isitors expect to see the world's most fabulous floral exhibits at the PHS Philadelphia Flower Show, but this year, for "ARTiculture," they will also be treated to exceptional art exhibitions at the show.

Bucks County sculptor Steve Tobin (interviewed in the January/February issue of *Green Scene*) will exhibit several pieces in the Convention Center's Grand Hall that exemplify his connection to the natural world. Tobin is best known for his monumental works in bronze, steel, glass, and ceramics. His nature-based work explores the realms of philosophy, science, and poetry to evoke a sense of wonder. *Trinity Root*, a bronze piece at St. Paul's Chapel in New York City, is a casting of

the 80-year-old sycamore tree that fell and protected the chapel from damage on September 11, 2001. His pieces have been exhibited at the American Museum of Natural History in New York; Grounds for Sculpture, in Hamilton, N.J.; and the Philadelphia Museum of Art. A solo exhibition of Tobin's work, featuring large-scale outdoor and indoor sculptures, will open in June at the Michener Museum of Art in Doylestown, Pa.

Rarely seen prints from the Andy Warhol Flowers Series from the Bank of America Collection, one of the largest art collections in the world, will also be on view at the Flower Show. The Exclusive Sponsor of the Flower Show, Bank of America has converted its collection into a distinctive resource from FACING PAGE: Sharon Levy, Cookie, 2007 wood 108" diam. x 36"

BELOW: Steve Tobin, Steelroot, 2010 steel 12' x 10' by 14'





which museums and nonprofit galleries may borrow complete or customized exhibitions at no cost, helping to generate vital revenue for these institutions. Since the program's launch in 2008, more than 50 museums worldwide have hosted exhibitions.

Selections from the West Collection, amassed by Albert P. West, an art collector and the chairman of SEI Investment Company of Oaks, Pa., also will be featured in the Grand Hall during the Flower Show. The West Collection objects will include a sculpture by Rob de Mar; a two-sided sculpture resembling a cross-section of a giant tree, titled Cookie, by Sharon Levy; a sculpture titled *Licorice Shoes* by Andy Yoder; and an inflatable flower tank titled *Seige Weapons of Love by Zoe Walker and Neil Bromwich.* 

So if you love art, and love horticulture, ARTiculture is clearly the place to be during the first week of March.





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For a print copy of the *Pathways* Program Guide or to RSVP, call 609-654-3588.





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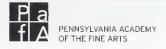


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his year's theme "ARTiculture," where art meets horticulture, prompted me to revisit the Flower Show archives housed in PHS's McLean Library to examine past shows that featured original works of art.

Through partnerships with our world-class Philadelphia museum community, many extraordinary artworks, especially garden sculptures, have appeared in flower shows over the years. Beginning in the 1930s, landscape architect Thomas Sears designed several shows held in the Commercial Museum in West Philadelphia. He worked with the Philadelphia Art Alliance, whose members arranged for sculpture to be placed in major exhibits, often situating works in the Joseph Widener acacia collection, a much admired mainstay of shows in the 1920s and 1930s.

Exhibiting artists have included young artists such as Beatrice Fenton, Lawrence Tenney Stevens, and Harrison Gibbs and established sculptors like Robert Tait McKenzie—known for his public work *The Boy Scout* (formerly shown on the Benjamin Franklin Parkway)—and C. Paul Jennewein, who created the pediment figures gracing the Philadelphia Museum of Art.

Internationally celebrated sculptors participated as well. Pomone, a bronze work by Franco-Russian cubist artist Ossip Zadkine, appeared in a garden exhibit in 1936. This artist's work would appear 32 years later in the 1968 show at the Civic Center, when the Philadelphia Museum of Art placed two of his wood sculptures in a 700-square-foot landscape setting, where they shared the limelight with Constantin Brancusi's Three Penguins.

In 1941, PHS invited the Pennsylvania Academy of the Fine Arts to award a special prize both to garden clubs using a piece of sculpture to best advantage in their exhibits, and to the artists who executed the works. A panel of PAFA judges gave first place to The Gardeners garden club for their entry and to artist Sylvia Shaw Judson for her 50-inch tall bronze work, Bird Girl. Judson made four statues from one plaster cast of this work, created in 1936. One of the bronzes found a home

## ART

#### at the Flower Show

A Longstanding Mix of Art and Horticulture

by Janet Evans

in Bonaventure cemetery in Savannah, Georgia, where it was photographed and, years later, appeared on the cover of John Berendt's 1994 bestselling novel *Midnight* in the Garden of Good and Evil. Fans of the book flocked to Savannah to see *Bird Girl*, but 1941 Flower Show visitors admired her before she was "discovered."

For the 1967 Flower Show artistic class "Timeless Treasures," participants were asked to create floral compositions using pieces borrowed from local museums, including an eighth-century Tang Dynasty glazed terra cotta burial figurine borrowed from the University of

Pennsylvania Museum of Archaeology and Anthropology. Other museum pieces on loan included a nineteenthcentury Parisian porcelain vase from the Philadelphia Museum of Art and scrimshaw from the Independence Seaport Museum.

In 1956 the Philadelphia Museum of Art displayed Aristide Maillol's 67-inch-tall bronze figure Pomona. Three extraordinary pieces of sculpture from the museum's Ingersoll collection appeared in the 1970 show, including Maillol's Ile-de-France, Gaston Lachaise's Standing Woman, and Henri Matisse's Large Seated Nude.

More recently, five pieces of sculpture



Sylvia Shaw Judson's *Bird Girl* won first prize from a juried panel of artists from the Pennsylvania Academy of the Fine Arts in the 1941 show.



from the Rodin Museum made an appearance at the 1998 Flower Show. This exhibit presented the Parkway's Rodin Museum and its landscaped setting as it would have looked in the early 1930s. Its design was based on the original wooden model used by Jacques Gréber and Paul Cret when they designed the building and grounds in the 1920s. The model was rediscovered by museum staffer Betty Greene, who now works at PHS as competitive class and volunteer manager.

Janet Events is senior library manager of the PHS McLean Library, and editor of *Images* of *America: The Philadelphia Flower Show.* 

To see a slide show of more images of art from past shows, go to theflowershow.com/about/history/



Selected photographs from this article are included in Images of America: The Philadelphia Flower Show, Arcadia Publishing, 2014.

Copies will be sold at the PHS store at the 2014 Flower Show, at PHS Meadowbrook Farm, and online at ShopPHS.org.

An eighth-century Tang Dynasty figurine was borrowed for a 1967 artistic class entry, "Timeless Treasures."





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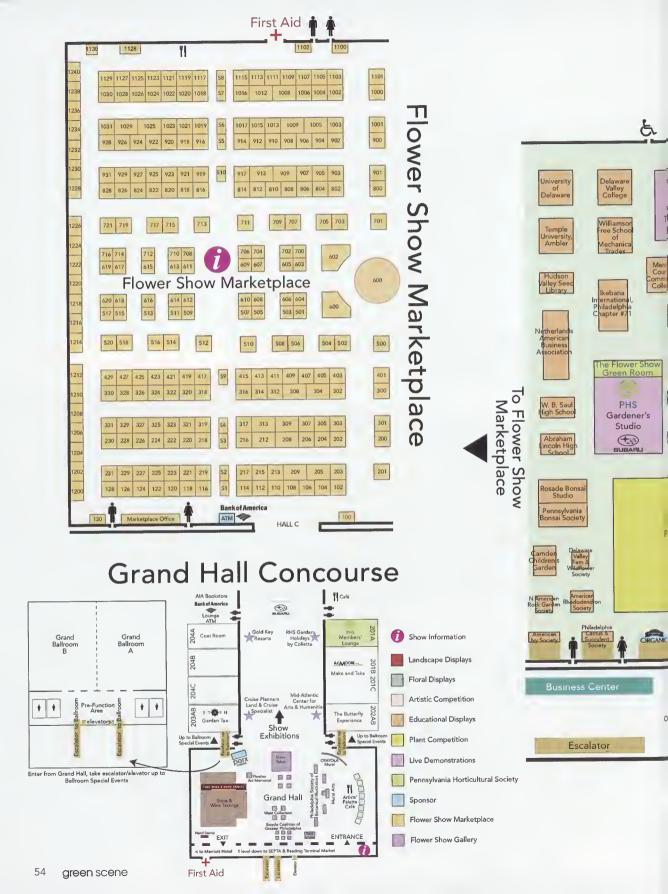
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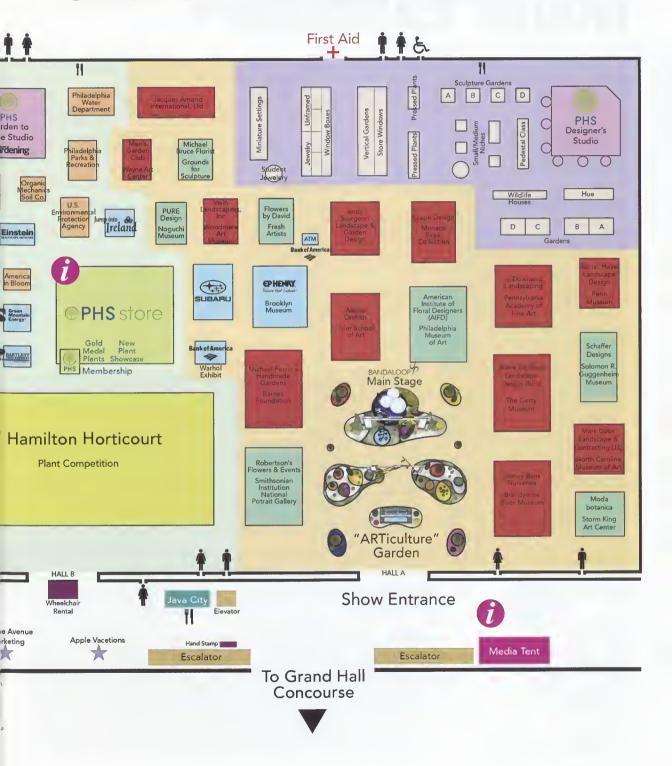
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#### Flower Show Main Floor



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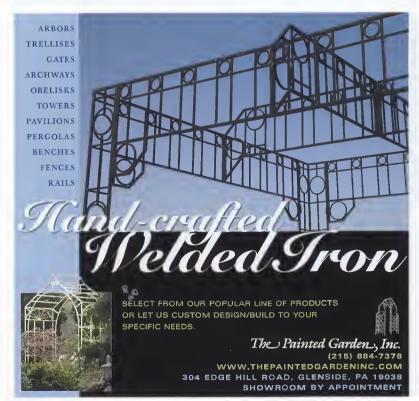
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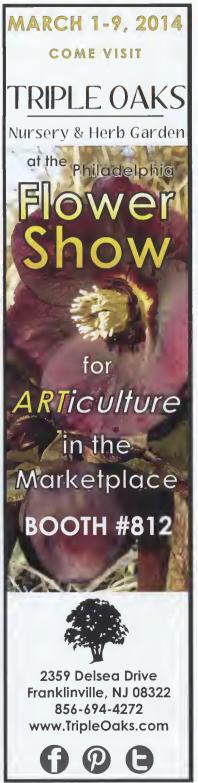
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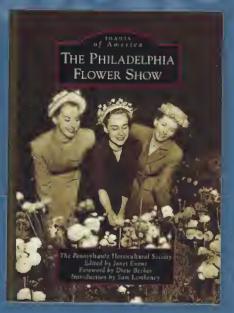
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26, the show travels to Los Angeles and Houston.

The Barnes Foundation, on the Benjamin Franklin Parkway in Philadelphia, is presenting "Yinka Shonibare MBE: Magic Ladders" through April 21. A British artist of Nigerian descent, Yinka Shonibare MBE (b. 1962) creates work that cites the art-historical traditions and intellectual history of Europe while exploring history, race, slavery, authenticity, and commerce.

Shonibare's sculptures—life-sized mannequins clothed in the colorful Dutch wax fabrics produced in Europe but most closely associated with Africa—offer

a provocative examination of European colonialism and European and African identities. At the invitation of the Barnes, he will create a sculpture especially for the exhibition.

The Pennsylvania Academy of the Fine Arts (PAFA), at Broad and Cherry Streets in Philadelphia, is presenting "Beyond the Paint: Philadelphia's Mural Arts," through April 6. Celebrating the 30th anniversary of Philadelphia's Mural Arts Program, this exhibition presents a rich panorama of documentary material including audio, photography, and videos, as well as new projects that highlight three decades



LEFT: Quita Brodhead (1901-2002) Still Life with Mandolin c. 1940-42 Oil on canvas 24" x 21 3/4" Woodmere Art Museum: Gift of Bill Scott. 2011

## PHOTO PAGE 62:

Yinka Shonibare MBE (British, b. 1962). Magic Ladders, 2013. Mannequins, Dutch wax-printed cotton, leather, fiberglass, wooden ladders, papercovered wooden books, globe heads, and steel, each 118 1/8 x (300 x 100 cm). Commissioned by the Barnes Foundation, supported by The Pew Center for Arts & Heritage. © Yinka Shonibare MBE. All rights reserved, DACS 2014. Courtesy James Cohan Gallery, New York/ Shanghai and Stephen Friedman Gallery, London.

Saddle Cloth Ute Buffalo Hide and Bead ca. 1880 Location: United States, Colorado

The simple geometric design featured on this saddle blanket is a typical style of Native American beadwork created by Ute artists from the American West.



Terraced Cornmeal Bowl Pueblo, Zuni Ceramic ca. 1900 Location: United States, New Mexico, Zuni Pueblo

This Zuni Pueblo bowl represents the Pueblo homeland, surrounded by four sacred mountain peaks.



See these two pieces
on display at the
Penn Museum in
Native American
Voices—The People,
Here and Now.

of community-inspired art-making in Philadelphia. Related activities include family programs, panel discussions, trolley tours, and free Sunday admission.

In addition, the galleries of PAFA's Historic Landmark Building will burst into bloom from April 4 to 6 during the inaugural installment of "PAFA in Bloom." PAFA is partnering with PHS Philadelphia Flower Show exhibitor Schaffer Designs, as well as with local garden clubs, to create more than 50 imaginative floral masterpieces interpreting American art masterpieces in PAFA's permanent collection and Cast Hall.

At the **Penn Museum**, on the University of Pennsylvania campus, a new exhibition, "Native American Voices: The People—Here and Now," serves as the inspiration for the museum's Flower Show designer/partner, Hunter Hayes Landscape Design. Opening the same day as the Flower Show, "Native American Voices" invites visitors to leave preconceptions behind and discover a living tapestry of nations with distinct stories, histories, and identities.

Guests will discover contemporary Native America through the voices and perspectives of indigenous peoples in this richly interactive exhibition, while exploring more than 250 objects from the United States and Canada. Hang onto your Flower Show ticket or ticket stub, because it's good for \$3 off regular admission to see this show at the Penn Museum through the month of March.

Chestnut Hill's **Woodmere Museum** presents "Quita Brodhead: Bold Strokes." This retrospective, on display through June 1, includes eight decades of work that showcases the evolution of Brodhead's art from early figurative work into bold, gestural abstraction.

In May, **Grounds For Sculpture**, in Hamilton, N.J., will open its largest and most spectacular exhibition to date: "Seward Johnson: The Retrospective," featuring the life's work of the artist and Grounds For Sculpture founder. More than 100 of Johnson's works (including a towering, 25-foot Marilyn Monroe) will be on display throughout the galleries and park through September 21.

In Chester County, Pa., the **Brandywine River Museum** of Art will present "N.C. Wyeth's America in the Making." This exhibition, on view through May 18, presents 12 paintings that N.C. Wyeth created for a 1940 advertising calendar depicting historical and patriotic events in America. Perhaps just as interesting for Flower Show fans, the museum will also present a special selection of Andrew Wyeth's renderings of flowers and fresh spring landscapes (through September 28).

In Wayne, Pa., the **Wayne Art Center** has organized a special exhibition called Behold the Blossom." The Art Center put out a call to artists for works in any medium that focuses on "that which blooms," whether in nature, still life, or as an object. The exhibition will be on display through March 15.

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## Create Your Own Masterpiece at "ARTiculture"



Photo by Barbara L. Peterson

2014 PHS Philadelphia Flower Show, "ARTiculture," the fusion of art and horticulture, invites visitors to let themselves bloom through a variety of interactive exhibits and experiences.

In celebration of the "ARTiculture" theme, PHS has been working with the Crayola Experience, of Easton, Pa., on exciting events both before the Flower Show and attractions at the show itself. Along with its partners and Crayola, PHS created a giant color-by-number painting as part of the Flower Show "ARTiculture Tour." The artwork was made in sections of four-by-eight-foot panels by the Flower Show's partners leading up to the show, with the participants expressing their company or organizational message in different ways. The entire mural will be revealed at the Flower Show in the Grand Hall, where visitors can add to the masterpiece.

Returning for the 2014 Flower
Show is the popular Make & Take
Room, the perfect place to get interactive. In the expanded Make & Take
Room, guests can design, assemble,
and take home their own piece of
the show. New this year, visitors will
be able to choose from two different
DIY projects. For \$10, participants
can create a wearable craft project,
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## THE MAKE & TAKE ROOM

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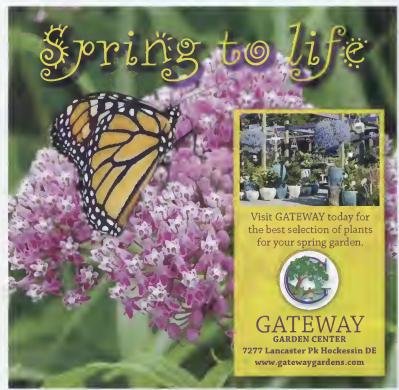
PHS Members' Preview Day, February 28, 12:00 – 3:00 pm

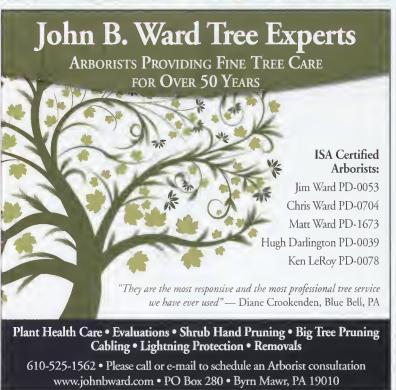
March 2, 3, & 8, 10:00 am - 7:00 pm

March 4 – 7, 11:00 am 7:00 pm

March 9, 10:00 am - 4:00 pm

Make & Take tickets can be purchased at the door or online at theflowershow.com.







A flower's best friend is a pollinator. And at the 2014 PHS Philadelphia Flower Show, "ARTiculture," there will be more than 1,000 beautiful, fluttering pollinators in attendance.

"The Butterfly Experience," an interactive and educational exhibit created by Sky River Butterflies of California, will bring 20 species of butterflies—10 domestic and 10 exotic varieties—to Room 202 in the Grand Concourse of the Pennsylvania Convention Center. This is the first time that these exotic species, some of the most rare and beautiful butterflies, will be part of an exhibit in the United States.

Upon entering the room, children and quests of all ages will have the chance to roam among and feed the butterflies. The exhibition space will be filled with a vast selection of plants and will be heated to the right temperature to simulate the butterflies' natural habitat. Artists will create painted environments on canvas columns, surrounded by wood structures painted sky blue, white, and pink, to give a feeling of walking into the clouds with the butterflies.

Visitors will also have the opportunity to learn more about butterfly gardening and regional horticulture that attracts these beautiful creatures. Rose Franklin, leading butterfly garden expert, will visit the show for a special presentation and introduce her book, Fast Track Butterfly Gardening. Dr. Wing Wheeling, national director of entomology for the U.S. Department of Agriculture, will also attend the show to talk about various insects in the garden.



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## PHILADELPHIA FLOWER SHOW SKETCHBOOK

Written & Illustrated by Abbie Zabar© 2014



is early morning and freezing in the Horticourt. Everyone is bundled up in lumberjack sweaters with a Nordic look and serious walking shoes. The queues of nervous budding exhibitors and old-time pros are long. As well as very polite. Folks are giving their entries the last once-over. It is before the judging begins and waiting to have plants "passed" is part of the ritual. It is also one of my favorite moments at the



Abbie Zabar, author of *The Potted Herb*, lives and gardens in New York City. Her most recent piece for *Green Scene* was *The Art of Growing Rosemary Trees* (May/June 2012). Among other museums, her drawings are part of the permanent collection of the Hunt Institute for Botanical Documentation.







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## Alice Bucher

BY JANE CARROLL PHOTOS BY BARBARA L. PETERSON

lice Bucher gives me a standard answer to a standard question: "The people," she says, when I ask her to name her favorite thing about being a Flower Show volunteer—it's the same reply that I've heard from many show volunteers before.

The massive team of Flower Show volunteers that descends upon the Pennsylvania Convention Center each year-and at PHS offices beforehand-"feels like family" to Alice. This year, she has taken on the role of chair of the Competitive Classes Committee, which includes overseeing all the amateur classes, including horticulture classes and nine design classes. Everyone on the committee helps to recruit exhibitors and guide them through the process of planning and executing their entries.

Alice is not new to the Flower Show, About 28 years ago, she moved to the Philadelphia area from Boston. where she was involved with the New England Flower Show. In Philadelphia, she began exhibiting in the arrangements classes and soon got her garden club involved. Flower arranging is Alice's "first love," but she also has been a regular exhibitor in the horticulture "challenge" classes—growing specific plants procured through PHS.

Once hooked, Alice began to volunteer for various committees, starting with miniature arrangements, and eventually served as chair of the Judges and Awards Committee.

"That's a big job that involves documenting all the awards, including the major exhibits. We're stationed up in the offices at the Convention Center," says Alice, who for 35 years was a master judge for the Federated Garden Clubs of Pennsylvania.

This year, her job takes her back to the show floor, which she finds exciting. "It's wonderful to see the show being built, starting from scratch," she says. A typical day will involve helping with set-up, troubleshooting, checking exhibitor locations, summoning electricians and carpenters when needed, and helping out in myriad other ways.

The excitement on the show floor follows a full year or more of planning. "On the Thursday morning of the Flower Show each year, exhibitors must sign up for the following year's design classes," Alice explains, referring to the gardens, store windows, and other large displays, "so those categories have to be chosen by then."

Given this year's Flower Show theme, the Competitive Class Committee sought the involvement of four local art schools: Moore College of Art, Philadelphia University (formerly the College of Textiles), University of the Arts, and the Pennsylvania Academy of the Fine Arts. Design class exhibitors will create arrangements inspired by student artwork, chosen by the committee. "It's a great way to involve the students," says Alice. "Hopefully it will inspire future Flower Show exhibitors."

As with every year, there will be a lot to do for someone who plays such a key role in the show's success, but Alice will have the support of her loving husband, her four children, and eight grandchildren. She'll also have the camaraderie of her "Flower Show family."







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PULL-OUT **BROCHURE:** PHS Programs & Events





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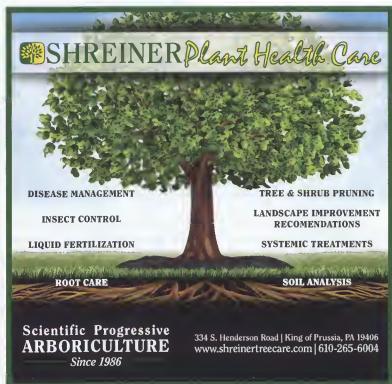
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Cover photo: A rudbeckia flower was captured in full bloom at Bel Arbor Community Garden in South Philadelphia. The garden has been preserved by the Neighborhood Gardens Trust (formerly the Neighborhood Gardens Association). See story on page 28. Photo by Jon Snyder.

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Resident Evelyn Rosen getting ready for Spring

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# What doesn't FREEZE us makes us STRONGER





After one of the most brutal winters in years in the Philadelphia region, it's a relief to be welcoming warmer weather and the planting season. PHS and its partners have very big plans for this spring.

In the weeks ahead, the newly rejuvenated Neighborhood Gardens Trust (formerly the Neighborhood Gardens Association) will celebrate its network of community gardens, the creation of PHS Green Resource Centers in Mantua and Strawberry Mansion, and a new website that follows activities in these green spaces and helps everyone get involved in a local garden. NGT is a breath of fresh air for the community gardening world. The story inside by Jeff Barg will reveal what's on the horizon for NGT.

The region's most important historic green space is Bartram's Garden, the eighteenth-century center of botanical research. In the twenty-first century, Bartram's has a new role. It is now the home of Community Farm and Food Resource Center, a partnership between PHS, Bartram's Garden, Penn's Agatston Urban Nutrition Initiative (UNI), and Philadelphia Parks & Recreation. The article in this issue shows how it is becoming an important asset of PHS City Harvest, which brings fresh, nutritious, affordable food to under-served residents.

Speaking of good food, we also devote some space to two of my favorite veggies, ever since my grandmother taught me to love them. They're the most recent additions to our "Hot List" of this year's amazing plant varieties, products, and garden trends. Rich Landau, the star chef at Vedge, reveals excellent ways to enjoy the range of radishes and cauliflower now available in local stores or in your own garden.

In this issue of Green Scene we'll also take a tour of Storm King, the outdoor art center that rises out of the Hudson Valley in New York; some of writer Nic Esposito's favorite Philly parks; and the schools participating in the new "on the road" Junior Flower Show.

And stay tuned for the announcement of our next PHS Pop Up Garden.

So, we've survived the polar vortex, and I'm feeling inspired for the months ahead. I hope you are, too.







### INFORMATION

215,988,8800, PHSonline.org

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## green scene

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Photos: Ruth N. Joyce, Bob Leitch, and Jeannette Lindvig

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The PHS Garden
Visits on Sunday,
May 18 will include
WynEden, a
beautiful garden in
Chadds Ford, Pa.,
owned by Wayne
and Doris Guymon.
Please see the PHS
Programs & Events
brochure inside the
magazine for details
and registration
information or call
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## Botanical Illustration Exhibit Focuses on Native Plants

Spring is a wonderful time to visit Washington, D.C., and this spring, the U.S. Botanic Garden is featuring American Botanicals: Mid-Atlantic Native Plants, an exhibition of botanical illustrations. The exhibition features original paintings and drawings of beautiful native plants and associated pollinators by members of Botanical Artists for Education and the Environment. It is on display in the U.S. Botanic Garden Conservatory's East Gallery through June 15. For more information, visit www.usbg.gov/programs-and-events.

## Art in the Open Friday, May 16 – Sunday, May 18

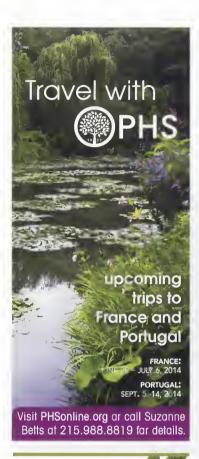
Schuylkill Banks Philadelphia, PA

Thirty artists from across the country will create new works of art outdoors along the Schuylkill Banks trail, from the Fairmount Water Works near the Philadelphia Museum of Art to the Locust Street Green. PHS will offer creative activities on "Family Day," May 17, 11:00 am - 2:00 pm. For details visit the AiO website at artintheopenphila.org. Free.

## PHS Tree Tender Recognized

Long-time PHS Tree Tender Cynthia Kishinchand was honored in January by the East Falls Community Council for 27 years of service to her community, including her invaluable contributions as coordinator of the East Falls Tree Tenders. Under Cynthia's leadership, the group has planted more than 1,000 street trees in that Philadelphia neighborhood East Falls Tree Tenders has recruited hundreds of volunteers and has presented 18 Arbor Day celebrations (a city record), as well as class trips and programs reaching more than 9,000 schoolchildren. Cynthia also has raised more than \$42,000 for Tree Tenders activities. She represents East Falls on the PHS Regional Tree Tenders Committee.

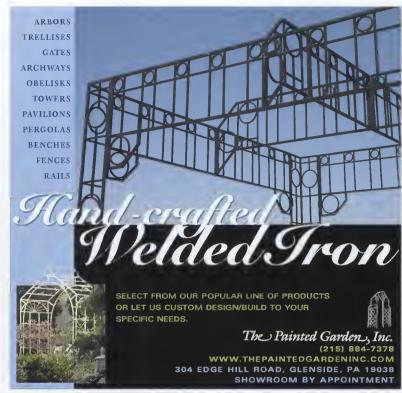






Saturday, May 3, 10:00 am – 2:00 pm Member preview 8:30 – 10:00 am

The Plant Sale returns to the Barnes Arboretum in Merion! Look for a wide variety of perennials, annuals, trees, shrubs, and vines, as well as plants propagated from the original Barnes collections. Free tours of the Arboretum throughout the day, all proceeds benefit the Arboretum.





## the scene



## CHAIR'S RECEPTION \(\neg \)

The annual reception hosted by the PHS Board began this year at the Pennsylvania Academy of the Fine Arts and was followed by a guided tour of the show during construction. Shown here, left to right, are Pennsylvania First Lady Susan Corbett; Lydia Allen Berry and Meg Gaibiselis, chair and co-chair, respectively, of Artistic Barrier Aides for the Flower Show; and Drew Becher.



## BINNEY AWARD

Each year during the PHS Philadelphia Flower Show Preview Party, PHS presents the Binney Award, named for the first president of the society, to a company that exemplifies environmental stewardship. This year, PHS president Drew Becher presented the award to Aqua America. The company's Watershed Initiative and its Plant One Million participation have recruited volunteers to plant 40,000 trees and shrubs in hundreds of riparian areas in the Delaware Valley to help protect drinking water sources.

Shown above at the gala event, left to right, are Drew Becher; Nicholas DeBenedictis, CEO and chairman of the Board of Aqua America; Martha McGeary Snider, 2014 Preview Party co-chair; and Manny Stamatakis, 2014 Preview Party co-chair.



## POP UP GARDEN 📥

During a snowy Valentine's Day weekend, PHS opened a temporary pop-up beer garden on the site of PHS's very popular summertime garden on South Broad Street. More than 2,000 people over three days enjoyed socializing inside the heated tent.

Photo by Alan Jaffe

## Social Media FLOWER SHOW Buzz About the FLOWER SHOW

## ON FACEBOOK:

Maryanne B. said: Beautiful! It's a shame this year's show can't be moved to one of the museums and saved. It was/is a treasure!

About Malinda Swain's installation. Heidi R. said: The origami flowers were amazing! I could have spent hours examining the various forms used to make those flowers.

Kathie M. said: I was there today and oh how gorgeous it was! Everyone outdid themselves this year!!! The aroma from all the flowers was awesome!! Thanks to everyone who is involved with the show, you really outdid yourselves!!

Joe S. said: We were there on Saturday. The best part was watching a design competition. Iron Chef meets floral design guy. I liked the pressed flower pictures, too. They used flower petals like an artist would use oil paint and created some beautiful pictures.

Susan G. said: ARTticulture was the best show ever. When I walked into the show it was breathing. It smelled wonderful just like a spring day. All the exhibits were beautiful. This reminded me of the Flower Shows of yesteryear.

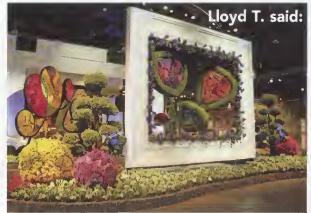
## ON TWITTER:

Carole S. B.: So many fun things to see before I even got inside the Philadelphia Flower Show!

Teri S.: If you were not at the Philadelphia Flower Show today....I feel so sorry for you!



I thought they did the best display for their theme. It looked like a marriage of the museum and the nursery and it was quite beautiful.



Well done, PHS! and a huge shout out to Sam Lemheney for that incredible Entrance Garden design and the folks who put it together. It was an honor to co-chair the Passing Committee for the Horticourt—the Olympics of amateur horticulture.











## GREEN

## Resource Center

One of the most historic landscapes in the Philadelphia region is now a hub for twenty-first-century urban agriculture.

BY JANE CARROLL

fter driving through the gritty streets of Southwest Philadelphia, an area filled with oil refineries, housing projects, and brownfields, it is quite a revelation to pull into the tree-lined entrance road leading to Bartram's Garden. The home of John and William Bartram, the legendary Philadelphia naturalists and plant collectors, is a living link to the region's agricultural and horticultural heritage. But this Philadelphia landmark is much more than a beloved historic site.

John Bartram (1699-1777) built his family farm on the banks of the Schuylkill in 1728, purchasing what was then a 102-acre tract from Swedish settlers. In 2011, the garden joined the urban agriculture movement when it became the home of the Community Farm and Food Resource Center. The "Farm"—created through a partnership between PHS, Bartram's Garden, the University of Pennsylvania's Agatston Urban Nutrition Initiative (UNI), and Philadelphia Parks & Recreation—has become a key asset for the PHS City Harvest program, which works to bring fresh, nutritious, affordable food to underserved city residents.

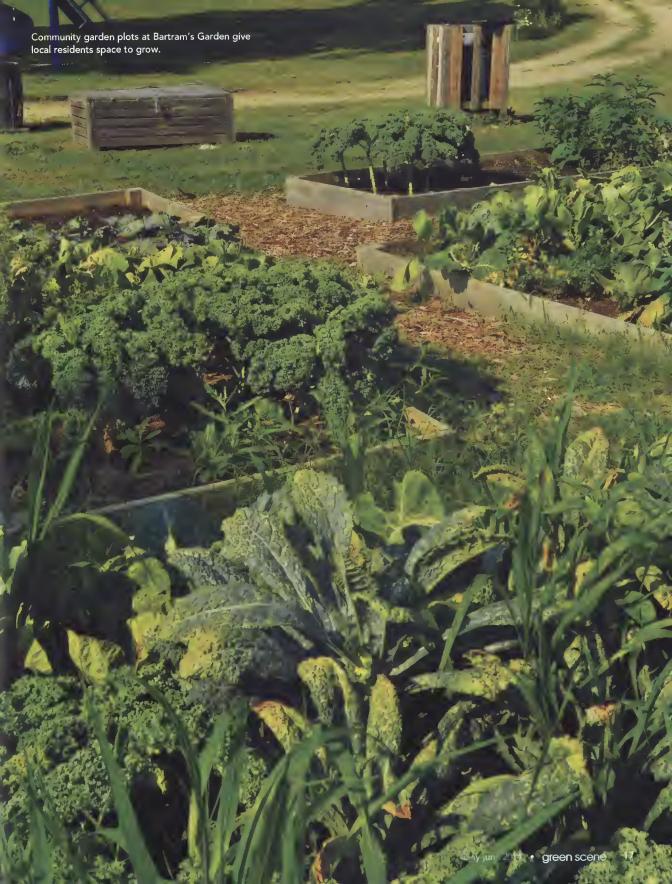
"The Community Farm and Food Resource Center has provided an opportunity for the community to grow, connect with their food, build sovereignty, and also re-connect with the land at Bartram's Garden," says Ty Holmberg, UNI co-director of the Farm.

For PHS, the Farm serves as one of the City Harvest program's Green Resource Centers. These are hubs for community gardeners who grow and donate produce to their neighborhood emergency food cupboards and for small urban farmers who sell and donate their produce locally. The centers provide gardeners and growers with a comprehensive mix of training, networking, and supplies, as well as marketing assistance.

"PHS had formed a relationship with the Agatston Urban Nutrition Initiative in 2006 when their University City High School garden joined City Harvest. A few years ago we started exploring the idea of working with them on a Green Resource Center in West Philadelphia," says Claire Baker, PHS director of garden programs. "We have a lot of community gardens and entrepreneurial growers in West and Southwest Philadelphia and wanted to build a hub that they would have easy access to."

Bartram's Garden was very interested in exploring the possibility of a Green Resource Center on its site. The Bartram property—which includes the National Historic Landmark house and gardens, as well as riverbank, reclaimed meadows, and tidal wetlands—is on land owned by Philadelphia Parks & Recreation, so the agency embraced the partnership and has provided financial resources for infrastructure.

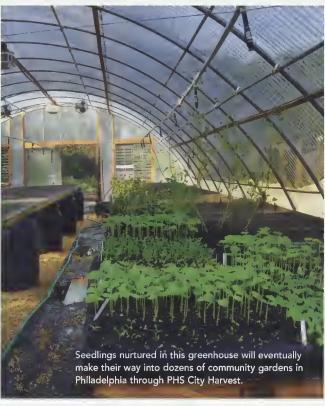
An old baseball field now supports two and a half acres of vegetable beds. PHS installed a greenhouse atop an old tennis court and designed a community garden that now has 50 plots tended by local families. There is also an orchard—created with assistance from the Philadelphia Orchard





"The Community Farm and Food Resource Center serves as a twenty-first-century model of John Bartram's interests in sharing knowledge and innovation."





Project—that is brimming with 115 fruit trees such as plums, peaches, figs, hardy almonds, jujubes, and native species like pawpaws, northern pecans, and persimmons.

UNI manages the community garden and the student-run farming operation. The UNI staff works with a team of 15 high school students who mostly live in the immediate area. A program of the Netter Center for Community Partnerships at Penn, UNI engages youth, university students, and community members to promote healthy lifestyles and build a just and sustainable food system. The students learn gardening and farming techniques as well as organic pest management, urban watershed practices, basic cooking, and other life skills. The program also stresses nutrition and fosters an appreciation for science and the natural world.

The Farm reaches out to the local community in a number of ways, especially through a weekly student-run farm stand. Residents can also grow their own vegetables in the community garden plots, and nearby schools and families visit the Farm for educational programming. PHS provides educational workshops through its City Harvest and Garden Tenders programs.

"Installing this greenhouse and sharing it with UNI has worked so well for us," explains Eileen Gallagher, PHS senior project manager for City Harvest. "The UNI team uses half of the greenhouse to start their farm crops, and supports us by maintaining the greenhouse and watering our City Harvest seedlings."

The greenhouse, which uses a solar hotwater heating system, has produced tens of thousands of vegetable starts for City Harvest. The seedlings are transplanted into community gardens all over the city, where they are grown by volunteers who then harvest the produce and donate it to food pantries, serving 1,200 families per week.

The Farm also has a shade structure for protecting young seedlings, a walk-in cooler, a small solar-powered classroom, and two former shipping containers converted into storage units. Projects in the works include a community kitchen and a high tunnel for growing cool-weather crops.

Other new developments at Bartram's Garden will connect this treasured resource to its community and the rest of the city in excit-

ing new ways. Riverfront activities are growing through weekend boat tours and this summer's Riverfest. The Philadelphia Airport has recently invested in the expansion of tidal within, the propertyexisting tidal wetlands on the Lower Schuylkill River-replacing invasive species with native and edible plants for wildlife habitat. In conjunction with the recently completed 58th Street Greenway, an improvement project for nearby 56<sup>th</sup> Street is in the works on the south side of the Garden, which will provide even more opportunities for recreation and river access.

"The Community Farm and Food Resource Center serves as a twenty-first-century model of John Bartram's interests in sharing knowledge and innovation," says Maitreyi Roy, executive director of Bartram's Garden. "Together with our partners in this project, we've been able to bring renewed purpose to the southern section of the Garden and establish a model for increasing access to affordable, healthy food, while connecting with our neighbors in a deeply meaningful way."



## Bartram's Farm Receives Governor's Award

The Community Farm and Food Resource Center at Bartram's Garden has received the 2014 Governor's Award for Environmental Excellence. The site includes a solar heating unit for the greenhouse, a solar-powered mobile classroom, and a passive solar high tunnel for growing cool-weather crops. The award was presented at the Pennsylvania Environmental Council's Annual Dinner in April.



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## MEET THE 2014 gold medal plants

How these eight gems can shine in your landscape

BY GEORGE WEIGEL

The Pennsylvania Horticultural Society's Gold Medal Plants program has been singling out exceptional but under-used woody plants for 35 years. This year, for the first time, great gardening products and herbaceous (non-woody) perennials will join the ranks.







The eight 2014 Gold Medal-winning plants offer low-care, high-return ideas for a variety of landscape settings. The winners include four trees, shrubs, and evergreens as well as four perennials—all worthy of wider use in mid-Atlantic landscapes. Each plant has a stellar track record of reliability, performance, and good looks. Their main downfall is that home gardeners just don't know them very well, which is the reason Concordville nurseryman J. Franklin Styer proposed the Gold Medal program in 1978.

# The Woodies

The native American fringe tree (Chionanthus virginicus), makes an excellent 15- to 20-foot specimen for a sunny to partly sunny front yard, or even a house corner when pruned to a single stem. Let it sprout multiple stems and it can be used as a tall shrub along a property line. Either way, the fleece-like white spring flowers will have non-plant-geeks asking, "What is that tree?"

If you're looking for an upright evergreen tree, check out **Korean white pine** (*Pinus koraiensis*). This sleek, winterhardy pine has long, blue-tinted needles and two key advantages over the widely used Eastern white pine (*Pinus strobus*). For one thing, it holds its needles longer, giving it a fuller, denser appearance. Second, Korean white pine branches are significantly stronger than white pine, which took a particular ice-laden, branch-breakage beating this past winter. Figure on a mature height of 30 to 40 feet with a width about three-quarters of that.

Dwarf Japanese cedar 'Globosa' (Cryptomeria japonica) is a compact, mounded, slow-growing evergreen with soft green needles. It does best in full sun and is ideal for smaller spaces or along sunny foundations, in sunny borders, or in rock gardens. Winter color is rusty-red. Just keep it out of soggy spots and watch it slowly creep to 3 to 4 feet tall and 4 to 8 feet wide.

Witch alder 'Mount Airy' (Fothergilla x intermedia) is the fourth woody winner, and it's a versatile, deer-resistant, 5- to 6-foot flowering shrub that puts out licorice-scented, white, bottle-brush flowers in April. This under-used native shrub then gets fall foliage that's a rich blend of yellow, orange, and red. Though its native habitat is moist, acidy, and shady, 'Mount Airy' also does well in sunnier and drier spots.

# Gold Medal Perennials

The first set of Gold Medal perennials includes thread-leaf blue star (Amsonia hubrichtii), a 2- to 3-foot-tall native plant with blue spring flowers and fine, almost needle-like leaves that turn gold in fall. It's best massed in borders or along sunny stream banks, but it also is eye-grabbing enough to serve as a stand-alone specimen in a perennial garden.

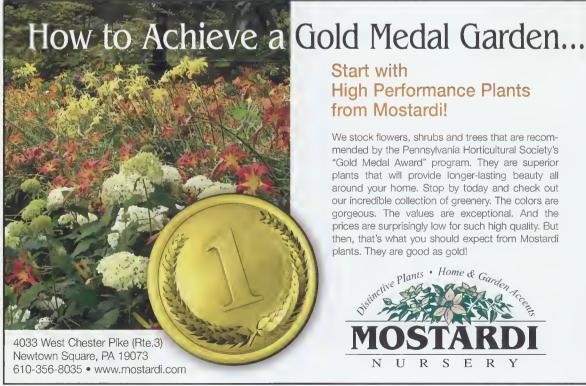
Fairy wings 'Frohnleiten' (Epimedium x perralchicum) also looks great massed, although this 12- to 18-incher is better suited as a groundcover in shady to part-shade locations. It'll tolerate dry shade and root competition under trees as well as damper shade. 'Frohnleiten' produces yellow flowers in spring and heart-shaped leaves with bronze tinting in spring and fall.

The third perennial is Japanese forest grass (Hakonechloa macra). This graceful grass prefers shade to part shade and has an arching habit with a height of 18 to 36 inches. Japanese forest grass comes in green blades as well as golden and gold or white variegated forms. An ideal setting: edging a shady path or along northern or eastern house foundations.

The last 2014 Gold Medal winner is the Christmas fern (Polystichum acrostichoides), a native fern that grows in fountain-like clumps about 2 feet tall. Christmas fern is an evergreen and is a great choice when you need a shady groundcover where deer are roaming.

George Weigel is a Pennsylvania Certified Horticulturist, a garden columnist for The Patriot-News/Pennlive.com in Harrisburg, and a member of the PHS Gold Medal committee. Visit his website at georgeweigel.net.

Learn about all PHS Gold Medal plants and products at PHSonline.org.



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# Storm King's Sc

Powerful, expressive staging of modern sculpture in a naturalistic land-scape setting—that is what the Storm King Art Center does best. The expansive Hudson River Valley sculpture park and museum was founded 50 years ago by H. Peter Stern and the late Ralph E. Ogden, coowners of Star Expansion Company, a manufacturing firm based in rural Mountainville, N.Y. Today

Storm King is a leading sculpture park that unites magnificent art with beautiful landscapes.

Visitors to this year's Flower Show were treated to a spectacular exhibit representing the sculpture park, created by MODA Botanica in partnership with Storm King staff.

At Storm King, placement and presentation are as important as the more than 100 sculptural works of art displayed throughout
the 500-acre park.
Figurative, abstract, and
naturalistic pieces by some
of the most influential contemporary sculptors of our
time, including Alexander
Calder, Mark di Suvero,
and Isamu Noguchi, are
framed with vision—making the landscape as
essential to the park as
the art itself. Sometimes
the landscape is the art,
as in the examples of

a meandering stone fencing by Andy Goldsworthy and an earth and grass sculpture by Maya Lin.

According to Storm
King's director and curator,
David R. Collens, the park's
formation and design
was largely based on the
vision of its founders
and landscape architect,

William Rutherford, Sr.
"Bill had great vision,"
stressed Collens. "His goal
was to enhance the naturalistic landscape, shape vistas,
and create plantings that
never appear staged but
frame the art. Bill continued
to contribute to the Storm
King landscape until he
passed away in 2006."

# ulptured Green

BY JESSIE KEITH PHOTOS BY JERRY I., THOMPSON

The attention to detail is apparent in the seemingly effortless way the sculptures are framed within the park. "Careful consideration is given to the incorporation and presentation of each piece," Collens says. "When we acquire permanent sculptures, a lot of work goes

into their placement. Take Alexander
Calder's The Arch. Before
adding it, we subtly raised
an open farm field as a
platform and created a
walking path towards it
through the field. Then
we incorporated plantings
of native grasses. The
landscape changes are
subtle but effective."

Not only do
the skillfully sculpted
landscapes gracefully support the sculpture, but
the plants themselves are
carefully chosen. At Storm
King, look for non-invasive
native plants that enhance
the park's features.
Corridors of native trees,
including an allée of 200pin oaks (Quercus palus-

tris) and another of sugar maples (Acer saccharum), add clean lines where needed. Large sweeps of native grasses, such as purpletop (Tridens flavus), big bluestem (Andropogon gerardii), little bluestem (Schizachyrium scoparium), and Indian grass

(Sorghastrum nutans), are planted in harmony with emphasis on complementary colors, textures, and bloom times.

Maya Lin (b. 1959) Storm King Wavefield,

2007-2008 Earth and grass 240,000 square feet (11-acre site)

More recently, subtle plantings of native

Storm King Art Center was one of the participating museum partners in the 2014 PHS Philadelphia Flower Show, "ARTiculture." The partnership continues with a special offer for PHS members. From its season opening on April 2 through August 31, 2014, Storm King is offering PHS Household members and above two free adult admissions (a \$30 value) upon presentation of their PHS membership card at Storm King's admission booth. For more information about Storm King Art Center, including directions and hours, please visit stormking.org.

wildflowers—including butterflyweed (Asclepias tuberosa), showy goldenrod (Solidago speciosa), and many aster species—have been added to grasslands to enhance color and habitat value.

What led to the creation of such an expansive and impressive sculpture park? Originally, the founders sought to focus on artists of the Hudson River School, but the landscape and the times afforded the opportunity to create something more. David Collens elaborates: "The extraordinary landscape is what sparked the idea for a sculpture park, and with New York City and its art base so close, it seemed like a good marriage. When the park was founded, artists were just at the point of taking small models to foundries and having them realized. And foundries, like North Haven's Lippincott Foundry, were close by. The timing was good."

Now Storm King's many visitors reap the rewards of that great vision and good timing. Last year alone, more than 106,000 visitors from all over the world visited the park,

an all-time high. In addition to the park, an indoor museum houses smaller sculptures in the permanent collection and annual exhibitions that typically include larger-scale works outdoors.

This season's highlights include the major exhibitions Zhang Huan: Evoking Tradition and Outlooks: Virginia Overton, a site-specific project that responds to Storm King's landscape, which open on Saturday, May 3. A Summer Solstice Party featuring a menu by chefs Peter Hoffman and Shelley Boris, will be held on Saturday, June 14.

Visitors interested in recreation can also rent bikes or hike along an extensive network of trails that extend deep within the larger property, which maintains beautiful vistas of the nearby Schunemunk Mountain and Moodna Creek.

Storm King is truly a worthwhile destination for lovers of art, gardening, and nature. It leaves the visitor satisfied on all counts and invites repeat visits for further exploration.





# CHANGING of the GARDENS

BY JEFFREY BARG



# How a newly re-formed land trust is transforming the way that green space is preserved in Philadelphia

Jannie Blackwell was overwhelmed.
As the Third District Philadelphia City
Councilwoman stepped up to the podium,
a hush fell over the crowd, and Blackwell, in
her dark suit and trademark dark sunglasses,
offered effusive praise for all of the organizations that came together in the most
unlikely alliance to open the Mantua Urban
Peace Garden.

Until very recently, this vacant block at the corner of 37th and Brown was a dumping ground for trash and rubble behind an ugly chain-link fence. But on this day last October, hundreds of residents gathered to celebrate the more than two dozen community garden plots they had built in a matter of weeks. By the end of the growing season, they expanded to more than 50 plots—with a still-lengthy waiting list to get in.

It was a triumph for all of the many partners involved. But without the newly reborn Neighborhood Gardens Trust (NGT), it's possible that the Mantua Urban Peace Garden would not have happened. As the leaseholder for the parcels that the garden sits on, NGT provides insurance, protection, and resources for the new green space.

"There's nothing greater than people in Mantua coming up to me and saying, 'This is great. We're really glad this space is preserved. Can you help us keep it?'" says NGT board president Margaret McCarvill. "How can you not want to do this work?"

McCarvill has been around since the days of NGT's predecessor, the Neighborhood Gardens Association (NGA), a land trust that preserved and protected Philadelphia gardens starting in the mid-1980s. Where

community gardeners have tilled and toiled on land for decades, the land trust would offer the promise of sustained land tenure, as well as resources like liability insurance and capital improvements.

But by the early 2010s, NGA wanted to grow. PHS, meanwhile, was looking for a way to innovate its neighborhood greening work, and saw an independent land trust as the ideal model.

"You could tell the organization could be so much more," says McCarvill. "So I worked hard to see if we could be affiliated with PHS."

After re-forming the board and doing a fresh strategic plan, the newly rechristened



Neighborhood Gardens Trust became an affiliate of PHS. Though NGT remains an independent organization, PHS runs the land trust's day-to-day operations.

"NGT is now in a position to bring many more gardens under its umbrella and to preserve many more gardens," says Carla Puppin, an NGT board member and long-time gardener at South Philadelphia's Bel Arbor Community Garden. "For us that was so essential. If the land trust hadn't been there, there would have been no way for us to preserve our garden space."

NGT's rebirth comes at a fortuitous time in the city's history. This past December, City Council passed legislation creating the Philadelphia Land Bank, a new mechanism for putting vacant land back into productive use. Since the city has 40,000 vacant lots, NGT hopes that many of those spaces can be preserved for urban gardening and open space.

"The legislation will be a great tool to enable a smoother transfer of properties for gardeners," says McCarvill. "Gardeners may be gardening on land that has tangled ownership, and the land bank will help it get transferred to NGT."

While the city works to get the land bank on its feet, NGT has charged full speed ahead and has brought the total number of gardens and open spaces preserved to 32. NGT's new strategic plan calls for reaching up to 100 gardens by the end of 2016, which means a lot of engagement with gardeners around the city. It's here that the alliance with PHS—with its decades-long relationships with community members—will be crucial.

In addition to increasing the quantity of gardens, NGT is intent on creating a strong, stable and financially sustainable organization, notes Nancy Goldenberg, NGT board secretary and chief of staff at PHS. "In addition to the contributions PHS provides, many corporations and individuals have been extremely generous in donating pro bono support for design, website development, and legal services as we've restarted the organization," Goldenberg says. "We are raising our visibility and are poised for success in growing our operating and capital budgets with a healthy mix of public sector, foundation, corporate sponsorship, and individual donor support."

NGT will look to city residents to steward the additional gardens. "Community garden participation has to come from the roots of the neighborhood," says Joe

"Having a community garden has been central in creating a sense of community and friendship."

- Carla Puppin, an NGT board member and member of Bel Arbor Community Garden in South Philadelphia, strolls through the garden.
- 2. Butterflies enjoy flowers at the Southwark/Queen Village Community Garden in South Philadelphia.
- Glenwood Green Acres is one of the largest NGTpreserved gardens.
- Produce was on display at Summer/ Winter Garden in University City.









Revlock, another NGT board member, whose Summer/Winter Community Garden has been a part of the gardens network for years. "Neighbors have to not just accept a garden but really embrace it and carry it forward. That's part of our job with NGT—to build this pride in our gardens and develop a much better attitude toward these longer-term commitments to these pieces of land."

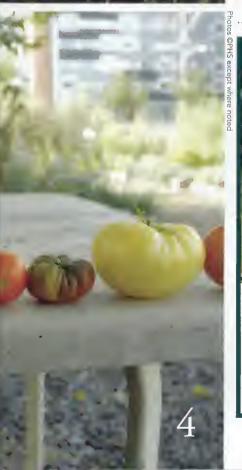
Puppin agrees, and highlights the crucial role that gardens play in fostering community. "When you work together on projects, your friendships take on deeper bonds," she says of Bel Arbor Community Garden. "We've literally raised our kids together. Having a community garden has been central in creating a sense of community and friendship."

NGT's nascent growth has already enabled more of that kind of communitybuilding, and that should only increase in the months and years to come. In the first half of 2014, NGT moved toward acquiring additional gardens for preservation, launched a brand-new website, and spearheaded the creation of Philadelphia's first Community Gardens Day, to be celebrated June 21 (with plans to go national in 2015). Aspirations for the rest of the growing season include bike and running tours of the gardens, hosted garden dinners, and participation in PHS's annual Fall Garden Festival at the Philadelphia Navy Yard.

Besides the resources offered, NGT is working to create a larger gardening community that supports the efforts of growers around Philadelphia.

"We're part of a citywide network with common interests and common loves," says Puppin. "The new NGT will allow so many more gardens to be preserved. We will all feel a greater connection to each other and be able to connect to each other in ways that we never could before."

Jeffrey Barg is associate director for planning and external policy relations at PHS.





**INCREDIBLE VEGETABLES** 

# Cauliflower & Revisited

BY MARION MCPARLAND



Visit PHSonline.org for the 2014 PHS Hot List of plants, vegetables, and products for your home and garden. "EAT YOUR VEGETABLES" is a phrase we all remember hearing as children. While some of us have fond memories of Aunt Kate's corn, many of us are haunted by visions of our dinner plate filled with a large serving of over-cooked spinach or a huge spoonful of runny squash. In fact, one bite of a bitter red radish may have turned you against them for life.

Luckily, things are different now. Fresh organic produce, grown in your own backyard or in a community garden, or purchased at a farmers market, is on everyone's menu these days. Two vegetables you may, or may not, have fond childhood memories of—cauliflower and radishes—are included in the PHS "hot list" of plants for 2014 as veggies to reacquaint yourself with this year.

Praised for its versatility, cruciferous cauliflower can be enjoyed as a side or a main dish, replacing chicken or meat with its texture. Serve it in a salad, tossed with herbs, vinegars, and oils, or pulse it into grains, risotto, or rice in the food processor. Low in calories, high in antioxidants and vitamin C, cauliflower is in, and meat is out.

"Meat has become boring and predictable," says Rich Landau, chef/owner of one of Philadelphia's most acclaimed vegetarian restaurants, Vedge. "Vegetables are phenomenal, sexy, colorful, and change with the seasons!"





Enjoy watermelon radish carpaccio with fava beans and tarragon at Vedge, 1221 Locust Street in Philadelphia (vedgerestaurant.com).





"Cauliflower is so hot right now, you can do anything with it," says Landau. "Whether you serve it raw as crudités, boiled, roasted, steamed, or grilled, or sautéed with olive oil, it is fool-proof. I love it grilled on the barbecue—this is a perfect match for cauliflower," he says. He recommends blanching it first in boiling water for two minutes, coating with a marinade, and cutting carefully, leaving large pieces on the core to keep it together on the grill. Cauliflower also lends itself well to any ethnic cuisine, including a Mexican salsa verde, a Middle Eastern Za'atar spice, Creole, or Vietnamese chili lime sauce.

Another vegetable to revisit this year is the humble radish. According to Mother Earth News, the radish was esteemed by the Greek god Apollo, cultivated by Egyptian pyramid builders, and eaten for breakfast by American settlers. It was prescribed by physicians to prevent scurvy, used by herbalists to ward off women's chatter, and salted or pickled to accompany food and drink throughout recorded time. The radish is still so revered that there is a Night of the Radish—La Noche de los Rabanos—every December 23 in Oaxaca, Mexico. Local farmers grow giant white winter radishes, which are carved into sculptures worthy of a museum display.

One of Landau's personal favorites, radishes have been slower to catch on. "Not everyone loves radishes. I have loved them since I was a kid," he says. "They are so easy to grow yourself, and you can roast them whole, including the greens; they are so tasty."

With four types—spring, summer, winter, and Daikon (Asian radishes in winter) in an assortment of exotic varieties, shapes, and skin colors—there is a radish to please every

possible palate. From sweet to spicy to savory, the heirloom varieties are endless, including French Breakfast, Early Scarlet Globe, Cherry Belle, Philadelphia White Box, Pink Beauty, Crimson Giant, French Dressing, Sparkler, and Watermelon, among many others.

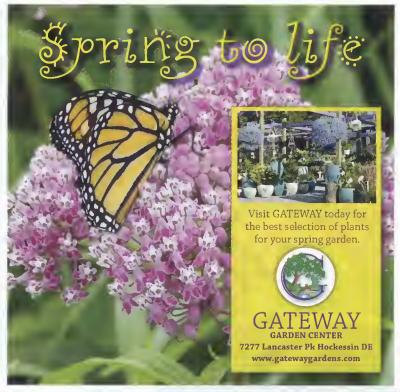
Landau encourages people to let go of their childhood hang-ups and experience a whole new world of vegetables. "Forget that hot, bitter red radish with a sting that lingered for a half an hour," he says. His advice: roast any kind of radish whole. Drizzle olive oil, and season with salt, pepper and garlic. Roast at 400 degrees until the skin crinkles and is tender to the touch. Cook the greens as well. "Make a meal out of it!"

On his restaurant's menu, Landau offers "Fancy Radishes," an assortment of heirloom varieties including Spanish black, shunkyu, green meat, candela di fuoco, watermelon, icicle, and Daikon (depending on availability). Each one is prepared differently—marinated, grilled, roasted, and pickled, and served like an exotic sushi sample with smoked soy sauce and pickled tofu.

"Vegetables are like relationships," says Landau. "Cauliflower is easy to love, but radishes take some warming up to. You have to get to know radishes a little bit first."

Enjoy recipes from VEDGE at home with Rich Landau and Kate Jacoby's cookbook, VEDGE:

100 Plates Large and Small That Redefine VEGETABLE COOKING





# THE PHS JUNIOR FLOWER SHOW

COMING TO A SCHOOL NEAR YOU

BY JANE CARROLL



Projects created for the PHS Junior Flower Show by students from Gloucester City Junior-Senior High School were exhibited in the Horticourt at the 2014 Flower Show.

or nearly 40 years, PHS has been getting children—and their teachers—excited about horticulture through an engaging spring competition called the Junior Flower Show. Children can grow and enter their own plants or "crafty creatures" made from natural materials and play games that raise awareness about the natural world.

The annual event has had many homes, starting off in Old City at the First Bank and the Bourse Building, and then moving to the Horticulture Center and Memorial Hall in Fairmount Park. About 10 years ago, PHS partnered with Temple University to stage the show on the Ambler campus as part of Temple's Earth Day celebration, which attracted nearly 10,000 students from schools throughout the region.

Beginning this year, PHS is bringing the Junior Flower Show directly into classrooms. Teachers can engage their students with activities in different categories such as horticulture, artistic, and classroom projects. Volunteer judges—many of the same intrepid judges who have participated for years—visit the schools and select the winners. The "Best of Show" winners

have their entries exhibited in the Hamilton Horticourt at the PHS Philadelphia Flower Show.

"The teachers love this!" says PHS events manager Flossie Narducci, who runs the Junior Flower Show. "It makes it possible for PHS to reach more children with this program. Schools save money since they don't have to transport the students to the event, and teachers can choose a date that works best for them."

This year's theme is "Nature's Palette." PHS continues to offer training sessions for teachers who want to participate, and will host shows for home-school groups and individuals at PHS.

Beverly Palaia is chair of the Junior Flower Show Committee, as well as a teacher at Gloucester City Junior-Senior High School in Gloucester City, N.J., which hosted the first Junior Flower Show in the new format this winter.

In the past, Palaia explains, the school could only send one bus to the event at the Temple campus. "I always felt bad about leaving some students behind," she says. "This way, so many more students can participate. And they loved it! They were so excited to see the ribbons."

For more information about the PHS Junior Flower Show, please visit PHSonline.org or contact Flossie Narducci at 215.988.8897 or fnarducci@pennhort.org.

Businesses can receive a substantial tax credit by supporting PHS and the Junior Flower Show. The Pennsylvania Department of Community and Economic Development has designated the PHS Junior Flower Show as an "innovative educational program" under the Educational Improvement Tax Credit (EITC) program. This means that businesses can receive a tax credit of up to 90 percent of their contributions. Please contact Jimmy Owens at 215-988-8888 for more information.

# **PHS Green City Teachers**

While the Junior Flower Show directly engages children, PHS touches the lives of many more students by reaching out to teachers. PHS Green City Teachers helps Philadelphia educators to integrate horticultural and environmental education into their curricula, after-school programs, and service-learning projects. The program also helps educators build high-quality teaching gardens that offer hands-on learning opportunities.

"There is a lot of cross-connection between the two programs," says Sally McCabe, PHS project manager for Green City Teachers. "Many of the teachers who go through the training then get their kids involved in the Junior Flower Show, and it works the other way around, too."

PHS is grateful to the supporters of Green City Teachers, including GSK, the Hamilton Family Foundation, the Lincoln Financial Foundation, the Schiel Family Foundation, and the Subatu of America Foundation, Inc.

"GSK applauds the Pennsylvania Horticultural Society for its Green City Teachers training program, which promotes healthy communities through school gardens and environmental learnings in the classroom," says Mary Linda Andrews, director of community partnerships for GSK. "The knowledge the educators impart to students can give them a head start toward a lifetime of healthy living."

The next PHS Green City Teachers training will be held June 25 and 26 at PHS. For details, please contact Sally McCabe at *smcabe@pennhort.org* or 215-988-8846.





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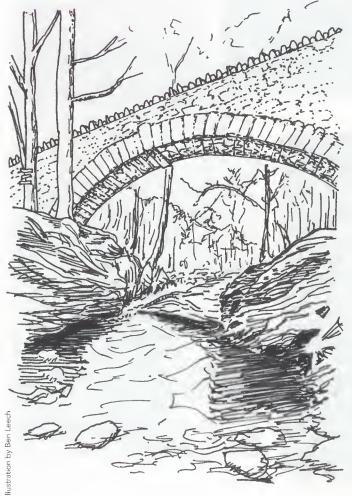
4000 Fox Hound Drive | Lafayette Hill, PA 19444 215-402-8725 | thehillatwhitemarsh.org Equal Housing Opportunity Whether you're a long-time Philadelphia resident, an emptynester who has just moved to the city, or an immigrant hoping to start a new life, there are a few things that bind Philadelphians to city life.

# A "Greatest Hits" of City Parks

BY NICHOLAS ESPOSITO

There's the pride felt in being from a particular neighborhood. There's the amazing amenity of simply walking out of your house to the bar or café just a few blocks away. But there is one aspect of city life that is not always given enough credit when explaining why people choose to live here—our parks.

A city park is not just an open green space. It's a communal backyard. It's where people garden together and picnic together. It's where children learn how to play with other children. And it's where residents from a diversity of backgrounds learn how to become neighbors. As someone who has worked in many Philadelphia parks, I'm offering my "greatest hits."



# Clark Park

When I lived in West Philly, I always boasted that since I was so close to Clark Park, I never needed to make plans. A typical Saturday would begin with a stroll down to the year-round Food Trust farmers market on the east side of the park. My favorite stand was the Landis Farm stand, where I could buy beautiful root vegetables along with some of the leanest, most delicious ground beef I have ever tasted.

After sneaking in a visit to the Amish family's stand for a whoopee pie, there would almost inevitably be a flea market or music festival underway. I've seen everything from an impromptu Brazilian samba concet erupt in the main square on the north side of the park, to one of my favorite performances of Shakespeare's Midsummer's Night Dream in the natural amphitheater (once a mill pond) on the south side. With beautiful landscape gardens, created and maintained by the many talented residents in the neighborhood, this is the perfect example of a community using a park for everything it is worth.

# **Liberty Lands**

Liberty Lands park sits on what used to be the American Street Tannery in Northern Liberties. Over two decades community members, with the help of PHS, developed a 37-plot community garden that I think is one of the most attractive in the city. There's also a stage area for performances, equipped with a stormwater catchment basin underneath, and a rain garden.

One day, our local herb club in Kensington took a sojourn down to Liberty Lands for a picnic and a sampling of the dandelion and hawthorne berry infusions that had been collected in and around the park. As I sat under the

cherry blossoms that line the playground area and watched the kids run up and down the jungle gym while we all enjoyed our potluck and "urban herbs," I was in awe of the neighborhood's transformation. In this area that was once a backdrop to decaying urban industry, seeing this renewed life of both plants and people was extremely powerful.

# Wissahickon Park

The Wissahickon Creek runs 23 miles from Philadelphia's northwestern suburbs to the Schuylkill, but the most traveled part is a trail in Northwest Philly called Forbidden Drive. Although this trail is often crowded with runners, walkers, and bicyclists, many people do not take the trouble to explore the side trails that branch off.

My favorite trail leads to what is known as Shakespeare Rock and Devil's Pool. My West Philly housemate introduced me to it one hot April day, As we trekked down the trail, I was amazed to see the narrow path give way to a huge rock overlooking a tranquil pool of water fed by a tributary into the creek. I was also shocked when I realized that we couldn't hear cars or people because we were that far into the woods. I admit that I took the 20-foot plunge off the rock into the cool water (against park rules), experiencing something that few other urbanites get to do, just by taking a 30-minute bike ride.

I imagine that these three parks are probably on many Philadelphians' lists. But there are hundreds more throughout the city that provide the community space of Liberty Lands and Clark Park, as well as the tranquility of the Wissahickon. The best part of living in Philadelphia is taking the time to explore each one.





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# An Appreciation: Doris Gwaltney

Doris Gwaltney, a long-time friend of PHS, died in January. Doris was an inspiration to all those who work to make their communities safer, healthier, and more beautiful.

Together with a group of her West Philadelphia neighbors, Doris created the Carroll Park Neighbors Advisory Council, which was one of the first groups to participate in a partnership between volunteers, PHS, and Philadelphia Parks & Recreation to revitalize neglected urban parks.

When Doris and her group began, Carroll Park was not only a neighborhood eyesore, but also a haven for criminal activity—a place that local residents avoided. But through hard work, courage, and determination, the volunteers turned the park into a wonderful asset for their community. Under Doris's leadership, Carroll Park Neighbors acquired the resources for a new playground, a walking track, entrance gardens,

and tree care. The group also launched a variety of programs for people of all ages, including summer camps for children, a concert series, and movie nights.

Doris served on the PHS Council and the Philadelphia Green Advisory Board, as well as the boards of the Philadelphia Parks Alliance and Philadelphia Neighborhood Housing Services, Inc. She earned a PHS Certificate of Merit in 2009, and her story was featured in the nationally broadcast PBS documentary, Edens Lost & Found, which celebrated urban greening efforts in Philadelphia and three other American cities.

"Doris will always remain one of the most inspirational people I have ever known," says Tammy Leigh DeMent, PHS sustainable communities program manager, who worked closely with Doris on park projects. "Her commitment to her community and dedication to Carroll Park is an example of the big difference one person can make."

-JC







Dennis C. McGlade President/Partner with OLIN Studio, a renowned Philadelphiabased landscape design firm that has worked with PHS on many projects, including Logan Square and the gardens at the Rodin Museum. He received a master of landscape architecture degree from the University of Pennsylvania and joined OLIN in 1978. His noted works include the design of the J. Paul Getty Center and Fran and Ray Stark Sculpture Garden in Los Angeles; Bishopsgate and Canary Wharf in London; Midway Plaisance in Chicago; and the 500-acre development of Camana Bay in the Cayman Islands.

# What were your earliest experiences with gardening or working with a landscape?

Helping my parents garden when I was a small child. I must have been four or five years old and we were going to move to a new home. My parents were digging up the peonies we had in the back yard (it was not really a garden) to replant at the new place. My grandmother had planted them years before, and they were considered part of the family. My father was from Iowa, and he had a Victory Garden during World War II, where he grew vegetables. Also, I was very lucky because we had

a summer place, and I spent my summers there with my grandmother. It was very unstructured time.

# Did those experiences influence your career choice?

I think the fact that I had a nice place in the country to go to and was used to being in a natural environment was a factor. I had also been interested in design, and I considered becoming a graphic designer. One of my first jobs after college was at a clipping service for an ad agency, where I saw a lot of professional literature. I came across a copy of Landscape

Architecture magazine and read an article about Roberto Burle Marx [the famous Brazilian modernist landscape architect], and I saw how art and horticulture could come together.

# What is the relationship between your gardening interests and your professional work now?

Gardening gives me the opportunity to experiment, try a few things I would not want to try with a client. It also gives me more intimate insights into the natural world and the world of plants that you cannot get from just reading the books.

# What types of plants do you grow in your rooftop garden at home?

When I first planted the roof it was all about summer annuals and flowers. Now it is mostly woody shrubs. My exposure is very full sun and very hot, desiccating winds. My plant palette is pretty conservative—things that I think are root cold hardy and capable of bouncing back if the irrigation stops working. Things that look good all summer and into fall and winter. I use junipers (J. chinensis 'Pfitzeriana Auria') and variegated vucca (Y. filamentosa 'Golden Sword') for evergreen interest all year, along with red and vellow twig dogwood shrubs (Cornus alba 'Elegantissima' and C. sericea 'Silver and Gold') for winter stem color, and I have lots of Little Lime® Hydrangea as well as Hydrangea paniculata 'Tardiva'. I really love hydrangeas, and these two varieties seem to withstand the heat, wind, and strong sun on the roof very well. I have a Wisteria frutescens 'Amethyst Falls' that seems to grow very well in a pot. Other perennials that I find have good staying power on the roof are hosta (in sun they go green and lose any variegation) and heuchera. I use flowering annuals and tropicals very sparingly now. I consider them the corsages on the garden. I am very partial to the vining geranium hybrids of Pelargonium peltatum.

# What advice would you have for someone who wanted to create their own rooftop garden?

Have a structural engineer check out the structure of the roof to make sure it can support the weight. Get a roofer to install a top-of-the-line roofing system—you do not want any leaks after installation. Invest in an irrigation system. Buy and use lots of sun block. Go for it!

Statement of Ownership, Management and Circulation (required by 39 U.S. C. 3685)

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I certify that the statements made above by me are correct and complete: Jane Carroll, Acting Editor March 27, 2014

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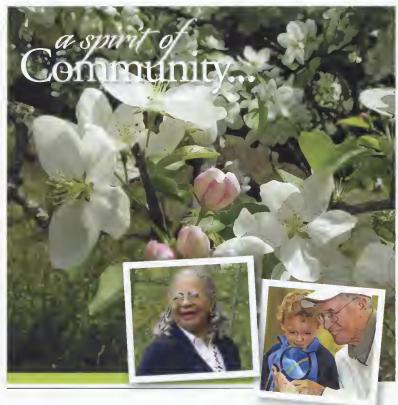




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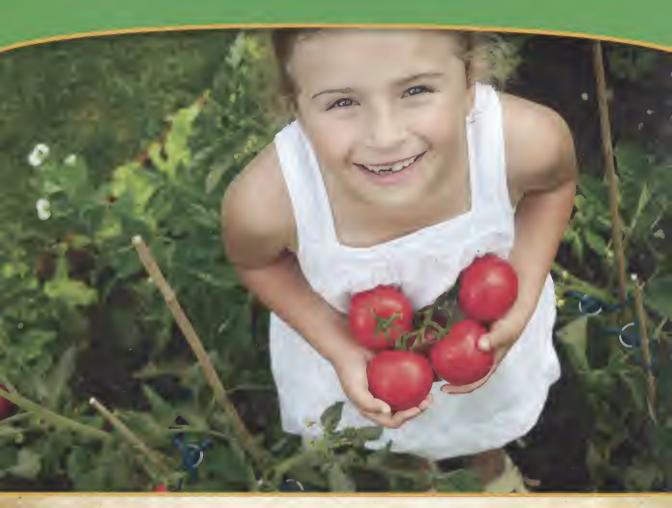
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PHS Programs & Events

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PHS offers an Apple iPad version of the magazine in brilliant color! When each issue is published, all qualifying members will receive an email containing links to the latest edition.



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# IT IS ALL ABOUT YOU

There is a common thread that runs through many of the articles in this edition of our magazine. It's about personal responsibility and the impact an individual can have on the environment, his or her own life, and the lives of others.

In early spring, PHS and its partners celebrated the planting of the 300,000th tree in the Plant One Million campaign, our initiative aimed at replenishing the tree canopy of 13 counties in southeastern Pennsylvania, South Jersey, and Delaware. It was a major milestone for the three-year-old program. But what I found really exciting was the participation of 80 students at our ceremonial planting in front of St. Hubert Catholic High School for Girls in Northeast Philly (see photos on Page 37). These teens not only took an active part in enhancing the beauty of their campus, but they also took home the message that adding trees to their yards

will help ensure a healthier future for their families.

In the next phase of Plant One Million, we'll be focusing on the role homeowners can play in battling climate change by planting a tree on their properties and adding to the count at *PlantOneMillion.org*. (I just visited the website and added the 14 trees I've planted around our house!)

This summer PHS is also joining with the Sustainable Business Network

to begin managing the Philadelphia Water Department's Rain Barrel and Rain Check residential stormwater programs. This effort empowers every resident of the city with the ability to slow storm runoff, and reduce

flooding and pollution in the process. All it takes is installing a rain barrel—provided by the city for free—creating a rain garden, or taking other steps to increase our green infrastructure.

Readers will learn about which sum-

mer annuals will please the bees and butterflies at a time when the populations of these pollinators are dropping. By planting the right flowers, we each support the garden life cycle that affects every one of us.

That responsibility of caring for each other is also the message of the PHS City Harvest story in this issue. The impact of this program grows each year, as we extend the number of gardens, the growing season, and the harvest that reaches families in need of healthy, locally produced food. You can be part of this extraordinary initiative by joining or supporting a City Harvest garden.

These are all fantastic ways to beautify the landscape, protect the

environment, and improve the quality of our lives and those of our neighbors. Thank you for doing your part.

and .

Drew Becher, PHS President



### INFORMATION

215.988.8800, PHSonline.org

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# green scene

# Acting Editor

Jane Carroll

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# Chair

Howard L. Meyers

# President

Drew Becher

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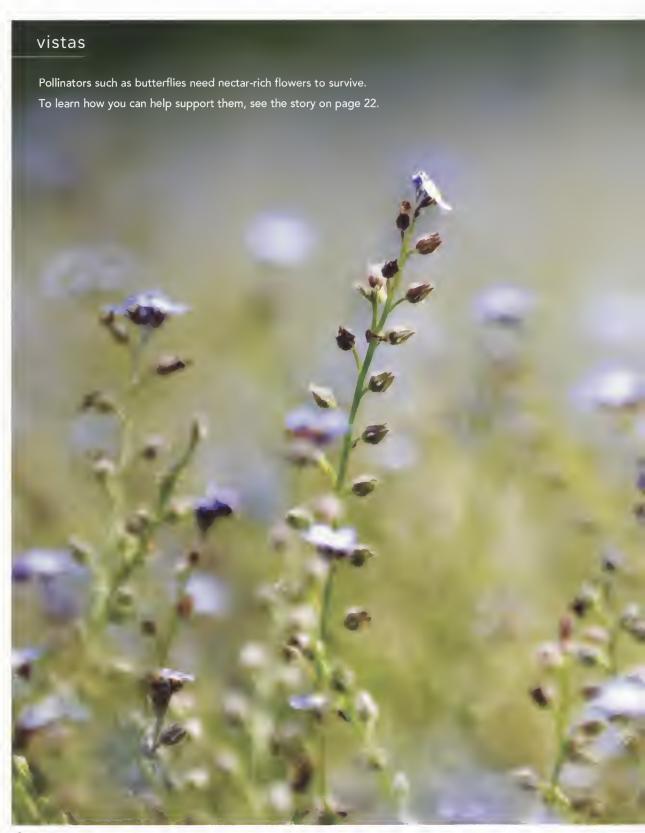
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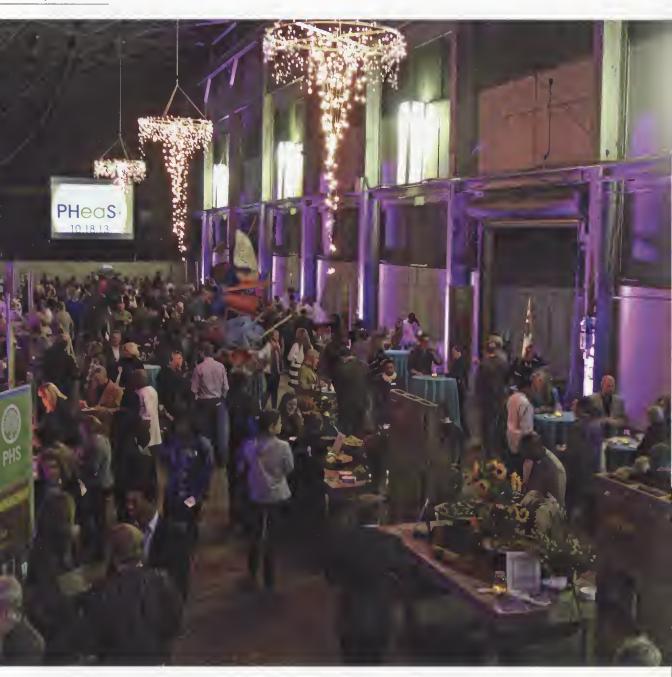
Downton Abbey® is seen on MASTERPIECE. on PBS and is a Carnival Films/Masterpiece Co-Production. carnival

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Winterthur is nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route 1, less than one hour south of Philadelphia.







# Save the Date: **PHeaSt**

Friday, October 17, 7:00 – 10:00 pm VIP entry at 6:00 pm The Navy Yard Philadelphia Get ready for PHeaSt, the most exciting event for foodies in Philadelphia! The third annual celebration of rock-star local growers and top-tier chefs will take place Friday evening, October 17, at the PHS warehouse—transformed into an industrial-chic party venue—at the Navy Yard in South Philadelphia. PHeaSt pairs chefs and growers who work together to create an extraordinary farm-to-table dining experience. All proceeds benefit PHS City Harvest, which brings healthy local food to families in need. Visit PHSonline.org for more information and to purchase tickets or call 215.988.1698.

# PHS PLANT DIVIDEND

One of the most popular PHS member benefits, the annual **Plant Dividend** will take place at the PHS Fall Garden Festival on Saturday, September 20, at the Navy Yard, in Philadelphia. (See the enclosed PHS Programs & Events brochure or visit **PHSonline.org** for event details.) Individual, Dual, and Family members may choose one plant. Household & Leadership-level members may choose up to three plants.

Plants for the annual dividend are grown and donated by nurseries, propagators, and other PHS members. If you would like to donate plants, please contact Suzanne Betts at sbetts@pennhort.org or 215.988.8819.



# PHS Gardening and Greening Contest

# PHS gardening and greening contest

PHS is excited to announce a new and improved contest for gardeners called the PHS Gardening and Greening Contest, which will celebrate and reward the accomplishments of gardeners in Pennsylvania, New Jersey, and Delaware. Building and expanding upon the PHS City Gardens Contest and Community Greening Awards, the new contest invites backyard gardeners, community gardeners, and anyone passionate about greening our public spaces to enter.

Winners will be selected in each category and invited to a special awards ceremony. For more information about the PHS Gardening and Greening Contest, please visit **PHSonline.org** or contact Flossie Narducci at fnarducci@pennhort.org or 215-988-8897. Note: judging is already underway for this year's program.

# PLEASE TOUCH MUSEUM Welcomes PHS Families

Visitors to the Please Touch Museum, located at Memorial Hall in Fairmount Park, will see colorful new plantings enhancing the front of the building and along the entrance ramp. With funding from the William Penn Foundation, PHS is directing this project in partnership with the Please Touch Museum. The planting designs, created by Studio Bryan Hanes, add seasonal interest to the evergreen plantings.

PHS members receive a \$2 discount on admission to the Please Touch Museum. Children and their grown-ups are encouraged to explore the museum's six interactive exhibit zones, use their imaginations, and enjoy the historic carousel and Please Touch Playhouse. To receive the discount, visit tickets.pleasetouchmuseum.org and enter the eStore name "PHS."

To learn about other discounts for PHS members, please visit *PHSonline.org* /support/membership/.



# PHS Pop Up Garden Goes Caribbean on South Street

This year's garden will feature entertainment, food, drinks, and a tropical air

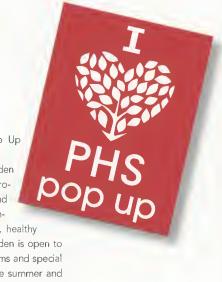
A tropical breeze is wafting down South Street this summer. The 2014 PHS Pop Up Garden, at 1438-46 South, has a Caribbean island flavor in the midst of the urban ocean.

The fourth annual Pop Up Garden was designed by Groundswell Design Group, which created the beer garden in last year's very popular PHS Pop Up on South Broad Street.

Stop by the South Street hotspot for tropical cocktails, beer, and other refreshments, as well as a variety of activities and entertainment. The menu includes delicious Caribbean dishes by

the Jamaican Jerk Hut, the Pop Up Garden's next-door neighbor.

Proceeds from the Pop Up Garden support the PHS City Harvest program, which creates green jobs and brings together a network of community gardeners who raise fresh, healthy food for families in need. The garden is open to visitors seven days a week. Programs and special events are planned throughout the summer and early fall. More information, including garden hours and activities, is available at PHSonline.org.





# Coming Next Issue: **EXCITING CHANGES!**

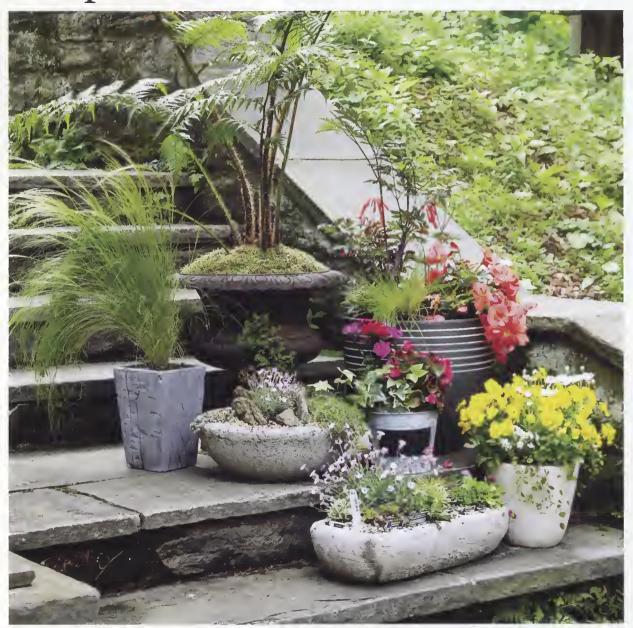
We're planning a fresh look for the magazine and content that's more inspiring and informative than ever. Starting with the Winter issue, the new quarterly publication will introduce you to fascinating people, bring you inside beautiful homes and gardens, clue you in on the latest trends, and celebrate the extraordinary impact PHS has on our community.

The new team already working to create the next issue includes:

- Adam Levine, an award-winning garden writer and author of A Guide to the Great Gardens of the Philadelphia Region
- Rob Cardillo, whose amazing images of plants, gardens, and gardeners have appeared in many publications, including the New York Times, and Green Scene
- Scott Meyer, an author, former editor of Organic Gardening magazine, and current editor-in-chief of Whole Foods Market magazine
- Kimberly Brubaker, former art director of Organic Gardening and principal of Brubaker Design

The new magazine will remain one of the exclusive benefits of PHS membership, and will help you get more than ever from your membership. We welcome your story ideas and suggestions for this great new chapter for PHS.

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### the scene

#### **PHS Garden Visits**

Drew Becher chatted with guests at a special reception for PHS Leadership-level members following the PHS Garden Visits in Chester County, Pa., on May 18. The reception was held at the Delaware Center for Horticulture, in Wilmington.





#### PHS Makes the City Bloom

With the help of Philadelphia Parks & Recreation and an enthusiastic group of corporate and student volunteers, PHS hosted **City in Bloom**, the annual planting day to beautify parts of Center City Philadelphia. On May 22, more than 3,500 flowering annuals, perennials, and shrubs were added to the landscapes at City Hall, Logan Square, Love Park, and other Center City sites. Volunteers included employees from NRG Residential Solutions, Grant Thornton, PricewaterhouseCoopers, and J.P. Morgan Chase, as well as students from St. Francis Xavier School in Fairmount.



#### The New Neighborhoods Gardens Trust

On May 21, PHS announced the launch of the Neighborhood Gardens Trust (formerly Neighborhood Gardens Association; visit ngtrust.org for information). PHS will oversee day-to-day operations of the restructured organization, which works to preserve open space for community gardens. Shown here are, from left: Brian Abernathy, executive director, Philadelphia Redevelopment Authority; Joe Revlock, co-founder of Summer Winter Garden and NGT board member; Margaret McCarvill, NGT board president; PHS president Drew Becher; Joan Blaustein, director of Urban Forestry and Ecosystem Management, Philadelphia Parks & Recreation; and Laura Taylor, contract administrator, Philadelphia Office of Housing and Community Development. All were speakers at the launch ceremony, held at the Summer Winter Garden in Powelton Village.

## SOCIAL MEDIA

## Buzz About Summer Gardens!

BACK IN THE SPRINGTIME, WE ASKED OUR FACEBOOK FRIENDS: WHAT ARE YOU LOOKING FORWARD TO SEEING IN YOUR GARDEN THIS SUMMER?

Cassini V. said: Marguerites are always pretty!

Karen C. K. said: Tomato, corn, green beans, snap peas, eggplant, zucchini, cucumbers, pumpkin, and cantaloupe.

Candace D. said: The 50-plus irises I got from a friend's yard in a variety of colors and the lilies I bought at the Philadelphia Flower Show.

Scott S. said: Ahhh, zinnias, coneflowers, milkweed, parsley, fennel, lavender, sweet alyssum, and basil just for starters! Can you see where I'm headed?

Michele G. said: Me! After this seemingly interminable winter, we all need our garden time! Otherwise, the false indigo I got at Meadowbrook Farm at last year's Spring Fling is coming back! Looking forward to fresh tomatoes and delicately fragranced pink roses. And sipping mojitos with fresh garden mint!

Lisa V. R. said: The flowers from the seeds that my daughter brought home from Italy: asters, honesty, sweet peas, and larkspur.

Nancy B. said: The lilies I bought at the Philadelphia Flower Show!!

Holly H. W. said: Shampoo ginger ... hopefully it will reappear after our unusually cold winter.

#### HOW TO REACH US:

Please send your comments, questions, suggestions, and tips. Snail Mail: Editor, Green Scene Magazine 100 N. 20th St., Philadelphia, PA 19103 Email: greenscene@pennhort.org.





















horticulture

# HARVEST for All

PHS City Harvest Brings Fresh Food to the Table

BY BARBARA L. PETERSON

ACCESS TO FRESH, LOCAL, ORGANIC PRODUCE IS SOMETHING MANY OF US TAKE FOR GRANTED, ESPECIALLY AT THIS TIME OF YEAR. FROM FARMERS MARKETS TO THE PRODUCE SECTION OF THE GROCERY STORE, THE PHILADELPHIA REGION ENJOYS A RICH BOUNTY OF FOOD.

Unfortunately, not all residents can afford to purchase or have access to these fresh ingredients. As the need for affordable food increases (especially with recent cuts in the Supplemental Nutrition Assistance Program), more families are turning to local food cupboards for assistance.

The PHS City Harvest Program is a major contributor to those food cupboards. City Harvest community gardeners—all volunteers—along with entrepreneurial City Harvest growers donate more than 50,000 pounds of produce each year, helping to feed about 1,200 families each week, including residents of neighborhoods with some of the highest rates of poverty in the region. These urban gardeners and growers can be found at more than 120 community gardens and urban farms throughout Philadelphia.

Seedlings for the program are germinated in four greenhouses in the city, including one at the Philadelphia Prison System facility in Northeast Philadelphia, where the seeds are started by inmates selected to participate in City Harvest. Other greenhouses are operated with community partners and serve as hubs for resources and education for urban growers: SHARE (29th and Hunting Park), Weavers Way Co-op Farm at Awbury Arboretum, and the Agatston Urban Nutrition Initiative at Bartram's Garden. In addition to being a Green Resource Center partner, SHARE also helps make the





Above: City Harvest seedlings flourish in the greenhouse at the Weavers Way Co-op Farm/ PHS Green Resource at Awbury Arboretum in Germantown.

Right: The Southwark/Queen Village Community Garden, in South Philadelphia, donates 1,000 pounds of food to City Harvest.

Opposite page: Janice Chorba, center, and Ed Mitinger, second from left, stand with other Southwark/Queen Village gardeners. Fresh produce from the garden is donated to residents of the Riverview Apartment Towers, seen in the background.





AS THE NEED FOR AFFORDABLE,
HEALTHY FOOD INCREASES,
MORE FAMILIES ARE TURNING
TO FOOD CUPBOARDS FOR
ASSISTANCE.



connection from garden/farm to food cupboard through the network of 550 emergency cupboards that it supports with state and federal funding.

From sown seed to harvested produce, City Harvest is creating an infrastructure of agricultural supply and education centers, as well as expanding fresh food production, distribution, and consumption in Philadelphia's neighborhoods. But just what is the impact to the average low-income family?

"We're their only source of consistently fresh produce," says Marcia Connolly, co-chair of the City Harvest section of The Spring Gardens Community Garden, which covers a full city block from 18<sup>th</sup> to 19<sup>th</sup> streets, and from Wallace to North streets. "Every week, the lines go around the corner" from the food cupboard at St. Paul's Church at 10th and Wallace streets.

"What we found to be most important was to get feedback from the community," Connolly says. The Spring Gardens serves one of the oldest Puerto Rican neighborhoods in the country, as well as residents of Chinatown. "We try to be sensitive to what those communities want. Our toughest sell? Beets. Nobody wanted beets!"

The Southwark/Queen Village Community Garden, at 311-315 Christian Street, in South Philadelphia, donates approximately 1,000 pounds of produce each season to the food cupboard at the Riverview Apartments, a public housing senior residence that overlooks the garden. Unlike some of the other community gardens, the Southwark volunteers collaborate directly with the residents to make sure they're growing what the community wants.

"We had a special request for mustard greens, so now we're growing that," says Janice Chorba from the Southwark Garden. "We've been reminded that there's a larger Asian community moving into the towers, so now there's more interest in bok choy and things like that. We're adapting as the population is changing."

The residents' excitement about the fresh produce was underscored recently when Chorba made the first delivery of the season. "Apparently they have cameras outside the building, and the residents can see us on a certain television channel as we drive up! One woman was in the lobby before the announcement had been made that we were there," she says.

The South Street Community Garden, at 8<sup>th</sup> and South, dedicates two of its 39 plots to City Harvest. The food grown there is donated to the kitchen at Ready, Willing & Able, a program that provides paid transitional work, occupational training, housing, and comprehensive support to homeless individuals.

"The kitchen there is a busy place. Chef Marcell Chambers teaches and mentors a number of assistant chefs who cycle through his culinary program," says Chris Carrington, a volunteer at the South Street garden. "He is a great cook and has





tremendous pride in the comfort food that comes out of the kitchen. He sees his mission as nourishing people who need more than just fuel. We have become friends with him and others in the kitchen and are welcome at their Memorial Day and Labor Day celebrations. We also attend the annual graduation, which, in addition to a very moving program, features Marcell's food.

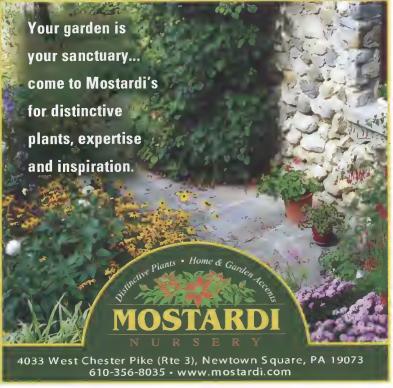
"When it has been logistically possible, Terri Decker, one of our volunteers, has done the mid-week picking with RWA guys assisting," Carrington adds. "It is great to see them learning and enjoying an urban garden. Having access to the produce grown in the South Street garden not only improves the quality, variety, and freshness of their food, but it also improves the flavor of the institutional food they already have. For example, they love to get hot peppers, herbs like cilantro, and anything in the onion family."

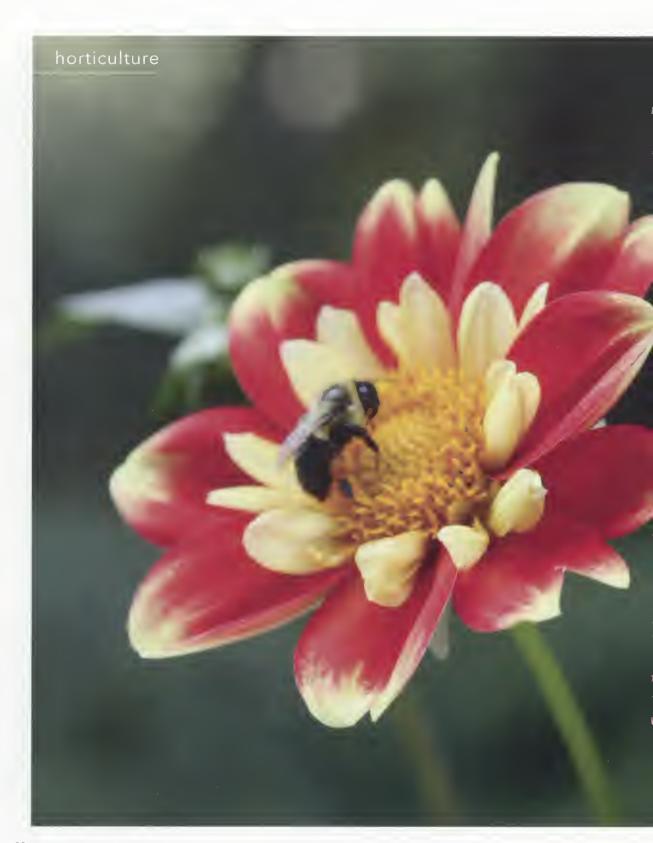
Common to all of the gardeners who participate in City Harvest is the sense of community that is created as volunteers commit themselves to growing and donating more and more produce every year.

The South Street gardeners are often rewarded for their efforts.
Carrington says, "When we deliver produce, Chef Marcell will often cook something for us or give us homemade ice cream made with our mint or other herbs, pesto made with our basil, or hot sauce made with our hot peppers"—proving that it truly is in giving that we receive.

To support PHS City Harvest and help bring fresh food to people in need, please visit *PHSonline.org/support* or contact the PHS Development office at 215-988-8821.







## Nectar Gardening with Tender Perennials

STORY & PHOTOGRAPHY BY JESSIE KEITH

A bumblebee feasts on a Collarette dahlia.

Most gardeners understand the importance of pollination. The pollination circle keeps gardens and natural areas healthy. Pollinators visit flowers to feed and move pollen, which ensures cross-pollination among species for better fruit set, seed set, and genetic diversity.

But pollinators are increasingly under threat, showing notable decline with loss of habitat. What's the answer? Nectar gardening. And supplementing the perennial garden with long-blooming, nectar-rich, tender perennials is one easy way to satisfy pollinators through seasonal highs and lows.

The hardest-working summer flowers for pollinators often hail from tropical or subtropical regions where the growing season knows fewer bounds. Frost-tender bloomers typically put forth irresistible blossoms from spring through fall, and the pollinators they attract can run the full gamut—butterflies, hummingbirds, bees, and even moths—if you choose well. And the benefits are tremendous.

Nectar gardening, or gardening for pollinators, often requires a small change in perspective—switching one's thinking from a strictly aesthetic outlook to a more holistic, ecological one. For example, many gardeners plant tender perennials like Madagascar periwinkle, heliotrope, or angelonia as color fillers to bridge the floral gaps created by perennials. But ecologically minded gardeners also consider them floral oases for pollinators; maintaining healthy pollinator populations helps gardeners with crop fruitset while benefitting the overall environment. Some take it one step further by planting to attract and feed specific pollinators.



#### **Planting for Specific Pollinators**

Before choosing tender ever-bloomers, it's good to know what they attract. There are some general rules of thumb when it comes to attracting the four key pollinator groups:

	Bees	Butterflies	Hummingbirds	Moths
FLOWER COLOR	Yellow & blue most favored; yellow, orange or ultra- violet nectar guides are common	Bright colors	Reds or oranges most favored	Light or white
FLOWER SCENT	Fragrant	Faintly fragrant	Non-fragrant	Strongly fragrant, especially at night
FLOWER SHAPE	Bells, bowls, heads or two-lipped flowers	Tubular (upward- facing; single or in flattened clusters)	Tubular (horizontal or downward- facing)	Funnel-shaped or tubular
FLOWER SIZE	Large or small	Small to medium	Large to small	Large
NECTAR AND POLLEN	Sugary nectar, moderate sticky, scented, bright pollen	Sugary nectar	Lots of dilute sugary nectar	Lots of sugary nectar
TENDER PERENNIAL EXAMPLES	Petunia, eustoma, angelonia, helio- trope, dahlia, Mexican flame vine	Madagascar periwinkle, Mexican milkweed, pentas, lantana	Orange agastache, red salvias, fuchsia, cuphea, justicia	Jasmine or wood- land tobacco, moonflower, brugmansia





For me, planting different ever-blooming flowers for all pollinators is the best way to go. The more wildlife your garden can accommodate, the better.

#### Planting for Your Region

Good nectar gardening also means choosing the right plants for your region. At my home in North Wilmington, Delaware, I plant sweeping beds and borders full of pleasing regional natives for pollinators (Asclepias tuberosa, native iris, and asters are some of my favorites) and fill in with well-behaved tender perennials and annuals that pose no ecological threat in my area. For example, experience has taught me to avoid weedy pests, like Verbena bonariensis, and trust in self-tending standbys like cuphea, angelonia, and pentas.

#### **Tender Perennial Favorites**

Over time, I have collected some favorite tender bloomers. In addition to good blooming and forage characteristics, they tend to be heat tolerant, robust, and low maintenance. Drought tolerance is another quality I look for.

Old-fashioned heliotrope (Heliotropium arborescens) is a classic bee plant with good fragrance and looks. Its domed clusters of small, purple blooms keep coming as long as the old heads are regularly removed. A favorite is 'Fragrant Delight', with its deep lavender-violet flowers that smell like Juicy Fruit gum. When planted alongside the compact orange and yellow Harmony Border Dahlias 'Jazz' and Allegro', a border needs little more.

Pollinators are increasingly under threat, showing notable decline with loss of habitat. What's the answer? Nectar gardening.



#### PHS Meadowbrook Farm and Whole Foods Create Pollinator Garden in Jenkintown

Need inspiration for your pollinator garden? You'll find a great example at the Whole Foods store in Jenkintown, Pa. This spring, the PHS Meadowbrook Farm staff worked with the Whole Foods Green Team to create a beautiful pollinator garden outside of the store's community room. The garden, designed to appeal to both children and adults, features primarily North American native plants, including Aquilegia canadensis (native columbine), Mertensia virginica (Virginia bluebells), Lonicera sempervirens (honeysuckle), Dicentra eximia (native bleeding heart), Asclepias incamata (milkweed), Pycnanthemum (mountain mint), Monarda (bee balm), Eupatorium (Joe Pye weed), and Aster oblongifolius 'Raydon's Favorite'. Also growing in the garden are herbs such as dill, parsley, and fennel—these are great host plants for the eastern swallowtail butterfly.

#### **BOOKS**

Attracting Butterflies and Hummingbirds to Your Backyard by Sally Roth. Rodale Organic Gardening Books, 2002.

Butterfly Gardening: Creating Summer Magic in Your Garden by the Xerces Society. Sierra Club Books, 1998.











For toughness and all-season flowering, the Mexican native summer snapdragon (Angelonia angustifolia) is another good feed for bees. The new Archangel<sup>TM</sup> series boasts extra-large flowers (three times larger than other cultivars) in white, purple, or pink. Plant it alongside the other bee favorite, the petunia, and the garden will be abuzz.

For petunias, I tend toward the rambling, violet-purple wild petunia (*Petunia integrifolia*) or colorful, tough carpet types that never stop. The subtle colors of the petunias Tidal Wave<sup>TM</sup> Silver (palest violet) and Shock Wave<sup>TM</sup> Coconut (ivory with primrose throats) always integrate well into beds and large containers.

The bright flower clusters of African pentas (Pentas lanceolata) draw more butterflies to my garden than almost anything else. According to the Penn State Flower Trials, 'Butterfly Red' and 'Graffiti Lavender' are two of the best performers. When planted along-side Lantana camara Luscious®, Citrus Blend $^{TM}$ , or Bandana® Pink and the gently, self-sowing Mexican milkweed (Asclepias curassavica—also a larval forage plant), no butterflies go hungry in my garden.

Tender salvias and agastaches of all forms feed my hummingbirds. The cream and pink flowers of Salvia x jamensis 'Sierra de San Antonio' are always beautiful, as are the warm orange-pink flowers of Agastache 'Summer Sunset'. And, though I am not partial to most Salvia splendens variants, the new cultivar 'Sangria', with its lime green calyces and scarlet flowers, is a standout. Pots of the marginally hardy hummingbird fuchsia (Fuchsia magellanica) also get loads of hummingbird visits all season.

Nothing draws hawkmoths like *Brugmansia*, and the variegated 'Sunset', with its clean white flowers, simply glows on summer evenings. Sweeps of tall, sweet-smelling jasmine tobacco (*Nicotiana alata*) are also sure to draw nighttime moths from afar.

As pollinator habitat and forage is destroyed by development and sprawl, nectar gardening becomes more and more important. So, this season, change your gardening perspective and plant for pollinators with tender perennials as well as natives. The rewards will extend far beyond the boundaries of your own garden.

#### **ONLINE RESOURCES**

The Pollinator Partnership: pollinator.org

Xerces Society Pollinator Conservation Program:
xerces.org/pollinator-conservation/

#### An Outdoor Haven at

### **COLLEGE OF PHYSICIANS**







PHS designs new patio and plantings

BY JANE CARROLL

Stepping out onto the patio and into the gardens of The College of Physicians of Philadelphia in Center City, one might imagine that this elegant outdoor space had been a part of the site since the building was constructed in 1908.

But the patio and veranda are brand new. The College of Physicians—which houses the Mütter Museum with its collection of medical history—needed to enhance and expand its outdoor space for events, work-

shops, and classes. There was also a growing demand for rental space for weddings and private parties, which bring in muchneeded income for the nonprofit organization.

"An original brick-and-flagstone patio was much smaller and had a planting bed in the center," says Antonia Oberthaler, director of operations for the College of Physicians. "The space needed to be opened up to accommodate larger events."

Last year, the College of Physicians staff asked PHS to redesign and expand the patio—still using brick and flagstone—and adorn the space with new plantings that would provide year-round interest.

"This space is unique in Center City," says George M. Wohlreich, MD, director and CEO of the College. "We set out to create a connection between the exhibits inside and the medicinal plant exhibits outside, while also establishing a world-class event space in a green setting. We feel that we created such a venue and hope that many will enjoy it."

In the Museum's Thomson Gallery, immediately to the right after entering the building, windows were replaced with doors that open out to the newly built Sir John Templeton Veranda, from which visitors may enter the gardens.

Surrounding the new patio is a rich and vibrant mix of trees, shrubs, and perennials. A large holly tree against the back wall was replaced with Liquidambar styraciflua 'Slender Silhouette', providing strong vertical accents. Other trees and shrubs include redbuds, witch hazels (Hammamelis virginiana 'Harvest Moon'), Clethra alnifolia 'Ruby Spice', Viburnum trilobum 'Baily's Compact', fothergilla, boxwood, and magnolia. These are accented with perennials such as tulips, crocus, nepeta, lavender, yarrow, columbine, heuchera, cardinal flower, astilbe, and hellebore, as well as ferns, groundcovers, and vines

The patio space—significantly larger than the old—now flows nicely into the museum's well-loved medicinal herb knot garden, which has also undergone a minor rejuvenation. The gardens now can only be entered from inside the building. "This allows the museum to better control the use and maintenance of the gardens," Oberthaler says.

The new patio is perfect for activities like the new "Herbs, Health, and Happy Hour"series, co-sponsored by PHS and the College of Physicians. Participants can listen to experts talk about fascinating topics related to herbs, and afterwards sip unique libations in the beautiful garden surroundings.

### Opposite page clockwise from top left:

The garden at the College of Physicians is seen here just before the renovation began.

Benches and planters can be removed for events.

The new patio is surrounded by a rich mix of trees, shrubs, and perennials.

**Below:** Spring plantings include tulips in front of the Sir John Templeton Veranda.

#### Herbs, Health, and Happy Hour: A Series on Growing and Using Herbs for Wellness

Co-sponsored by PHS and the College of Physicians, these lectures are held at the College of Physicians, 19 South 22<sup>nd</sup> Street, and are followed by refreshments. Please see the enclosed Programs & Events brochure for details or call 215,988,1698.

#### **UPCOMING TOPICS:**

Plants, Poultices, and Poisons in the Civil War

Wednesday, September 3 5:30 – 7:00 pm

**Grandma's Remedies: Herbs from Kerala, India** Wednesday, October 1 5:30 – 7:00 pm





FARM-TO-TABLE DINING is nothing new for restaurateur Al Paris. The Germantown native, who celebrated his 45th year in restaurant kitchens on Mother's Day, remembers when he was young helping his grandmother forage for everything from bitter greens and garlic chives to mushrooms and dandelions in wild areas and off the side of the road.

"My grandmother was my pre-school," says Paris, adding that she was from Naples, his grandfather from Sicily, and farm-to-table eating was just the way it was always done. Paris grew up with both his mother and grandparents. "I just thought it [farm-to-table] was natural. We've really only lost it over the last 100, maybe 50 years. Life speeded up and now we are working for things to slow down again."

The executive chef, whose restaurant ventures have included Mantra, Striped Bass, Zanzibar Blue, Circa, and more than 10 years in the California wine country, is pouring that history into his three most recent restaurants with partners Robert and Benjamin Bynum: Heirloom, Green Soul, and Paris Bistro & Jazz Café, all in Chestnut Hill.

At Heirloom, which opened in 2011, Paris grows two beds of herbs right on site. For the upscale American fare, he sources micro-greens and micro-herbs from Blue Moon Acres in Buckingham, Pa., and eggplant, tomatoes, and pumpkins from Maple Acres Farms, in Plymouth Meeting, and Dragonfly Knoll, in Macungie, Berks County. He uses finds from local forager David Siller for dishes such as stinging nettles gnocchi, one of his favorites. He even uses vegetables from his own garden.

For Green Soul, a healthy comfort food café located next to the Chestnut Hill Hotel, he buys hormone-free poultry and vegetables from several Lancaster farms. At Paris Bistro & Jazz Café, a 1930s-inspired French bistro that opened in February, he serves local chard and carrots; humanely raised, hormone-free meats; and seafood from New Jersey and Long Island.

The Wyndmoor, Pa., resident, who is planting herbs, zucchini, and beets in his own half-acre garden, estimates the restaurants are between 30 percent and 90 percent farm-to-table, depending on the season, with the estimate the highest at Heirloom.

"No one is 100 percent farm-to-table," says Paris. "Just because it's local, doesn't mean it's excellent quality. I prefer to buy the best ingredients possible even if they are from 200 miles away."

Paris says it has taken years to build relationships with the growers, farmers, fishermen, and foragers that he prefers to work with. His favorite dish depends on the season and depends on the day. Sometimes, it just depends on his mood or what the customers are craving. "It's a moving target," he says. "That's the hurdle of distribution. We can't just call up and ask for 10 crates of artichokes. We are open-minded enough to ask [a provider], what do you have coming in strong next week?"

Paris, who is in his mid 50s, says he appreciates the ebb and flow of Chestnut Hill.

"It isn't as quick as Center City. I leave that to the young guys," he says. At the moment, he has no new restaurant plans on the horizon. "This year will be dedicated to perfecting operations."

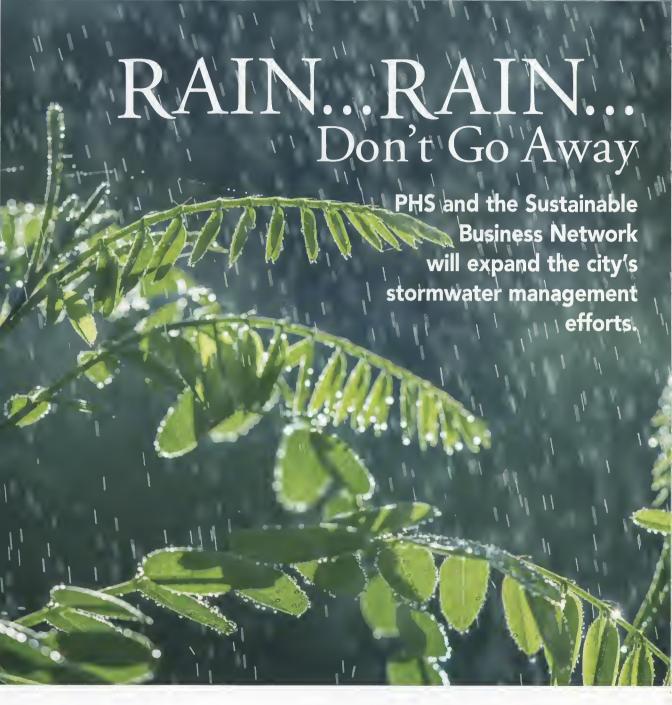
Heirloom, 8705 Germantown Ave, 215.242.2700, heirloomdining.com Paris Bistro, 8229 Germantown Ave, 215.242.6200, parisbistro.net Green Soul, 8229 Germantown Ave, 215.242.2300, greensoulliving.com



The menu at Heirloom includes Crab & Shrimp Chop Salad with baby romaine, smoked tomato dressing, and blue cheese.

#### Ice Cream Goes Farm to Table

If you're looking for a farm-fresh treat this summer, check out Chestnut-Hill based Zsa's Homemade Gourmet Ice Cream, Delivered via vintage blue ice cream truck—a 1963 International Harvester Metro to be exact—this ice cream gets its start at Trickling Creamery in Chambersburg, Pa. Inspired by seasonal ingredients including honey, fruit, and coffee from local purveyors, the ice cream is produced in a local Catholic-school kitchen and can be found at co-ops, farmers markets, and public and private events. Summer flavors include Lavender Honey, Summer Berry Crisp, Buttered Brown Sugar Peach, Sour Cream Blueberry, and Lemon Buttermilk. After dining at one of Al Paris's Chestnut Hill restaurants, you can pick up some Zsa's to take home at Weavers Way Co-op, 8424 Germantown Avenue. For more information visit Zsasicecream.com.



BY MARION MCPARLAND

For several years, the Philadelphia Water Department, working with the Energy Coordinating Agency, has provided free rain barrels to Philadelphia residents. The giveaway program is part of an effort to reduce storm flows to the city's aging sewer system while also raising awareness about the role that storm runoff plays in pollution of our region's rivers and streams.

The Water Department's Green City, Clean Waters program, a 25-year plan to protect and enhance Philadelphia's watersheds by managing stormwater with "green infrastructure," is one of the most innovative in the nation. It's an approach that uses rain gardens, rain barrels, and infiltration systems that mimic nature's water cycle rather than relying on expensive "hard" infrastructure such as storage tanks. Green City, Clean Waters encourages green approaches to managing rainfall both in public landscapes and private residences.

Starting July 1 of this year, PHS and the Sustainable Business Network of Greater Philadelphia will assume management of the Water Department's Rain Barrel and Rain Check residential stormwater programs. The goal is to expand the reach of these programs through citywide workshops that spread the message about the importance of properly managing rainfall.

About 60 percent of Philadelphia is served by combined sewer systems. The problem is that during heavy rains, the drainage pipes and treatment plants lack the capacity to transport and treat the enormous volumes of stormwater runoff. As a result, the combined sewers send untreated wastewater mixed with rainwater into nearby waterways.

Adding to the problem, stormwater runoff becomes polluted as it flows across the urban landscape, picking up contaminants such as fuel and oil from cars, fertilizers, lawn chemicals, animal waste, and trash. Discharges from both combined and separate sewers not only contaminate our waterways, but the volume and the intensity of the stormwater flows wreaks havoc on the waterways themselves, causing streams to flood, banks to erode, and fish and insect communities to be displaced or eliminated.

"Everyone's daily practices can have profound impacts on the health of our rivers and streams," says Glen Abrams, PHS director of sustainable communities. "Unfortunately, the vast majority of people don't make the connection between their practices and water quality. The Water Department's residential stormwater programs have begun to address this disconnection by providing educational messaging about the importance of properly managing rainfall, and by offering simple solutions we all can undertake at our own homes."

Installing a rain barrel at your home is one easy way to participate. Rain barrels collect and store rainwater from your roof that would otherwise be diverted into the sewer system. The Rain Barrel program will supply and install up to 1,500 rain barrels for Philadelphia homeowners at no cost. Renters may apply to receive a rain barrel as well, but must obtain permission from their landlords.

PHS will offer one-hour informational workshops at various locations around the city throughout the year. Attendance at the workshop is mandatory to receive a rain barrel.

Jeanne Waldowski of the Philadelphia Water Department's





rainwater from the roof. **Bottom:** The Philadelphia Water

Department will supply 1500 free

rain barrels to city homeowners.

Top: A downspout planter collects



"Everyone's daily practices can have profound impacts on the health of our rivers and streams."

-Glen Abrams. PHS director of sustainable communities

public engagement team explains why workshop attendance is crucial: "The homeowner learns the importance of capturing stormwater runoff from their roof. This rainwater can be reused for watering gardens, lawns, and more [it is not recommended for use on vegetable gardens]. By storing rainwater during rain events, there is a decreased impact of stormwater runoff on our streams and rivers, making them healthier waterways."

A big advantage of green solutions to stormwater management is that they can be as beautiful as they are practical. Through its Rain Check program, the Water Department provides subsidies to homeowners who install rain gardens or downspout planters, as well as those who remove unwanted pavement or replace conventional pavement with porous pavers, which let rainwater soak through the surface and replenish groundwater and aquifers instead of draining into the sewer system.

Rain gardens, located in a low spot in the landscape, are designed to accept rainfall conveyed from the roof, patio, or other surfaces, allowing the water to soak into the ground rather than be piped into the sewer. The Water Department keeps a

list of approved rain-garden plants. It includes perennials such as brown-eyed Susan, Joe Pye weed, and Russian sage; grasses like Pennsylvania sedge, switch grass, and dwarf fountain grass; shrubs such as red twig dogwood, black chokecherry, and northern bush honeysuckle; and even trees like hedge maple and serviceberry.

"Usually, the plants would have to endure both drought and inundation, so they aren't typically wetland plants," explains Mark Paronish, a PHS landscape architect.

A downspout planter is a planter box or container designed to collect and manage rainwater from your roof. Vegetation in the planter is irrigated by water from the downspout, so the water is slowed down and filtered before it enters the sewer system.

"The Philadelphia Water Department is excited to work with PHS and the Sustainable Business Network to further develop the Rain Check Program," says Maggie Wood, manager of the Rain Check program. "PHS's experience working with residents and communities throughout Philadelphia to green their neighborhoods makes the organization a great fit for Rain Check."

PHS has long worked with the Water Department on stormwater management initiatives. Vacant lots under PHS management have been tested for use as stormwater collection sites. Rain gardens, special tree trenches, and underground filtration systems have been installed in city parks, recreation centers, and schools.

PHS's Glen Abrams says, "PHS is thrilled to begin managing the Rain Barrel and Rain Check programs on behalf of the Water Department and to support the *Green City, Clean Waters* program. Together with the Sustainable Business Network, we'll be helping to create cleaner, healthier waterways for everyone."

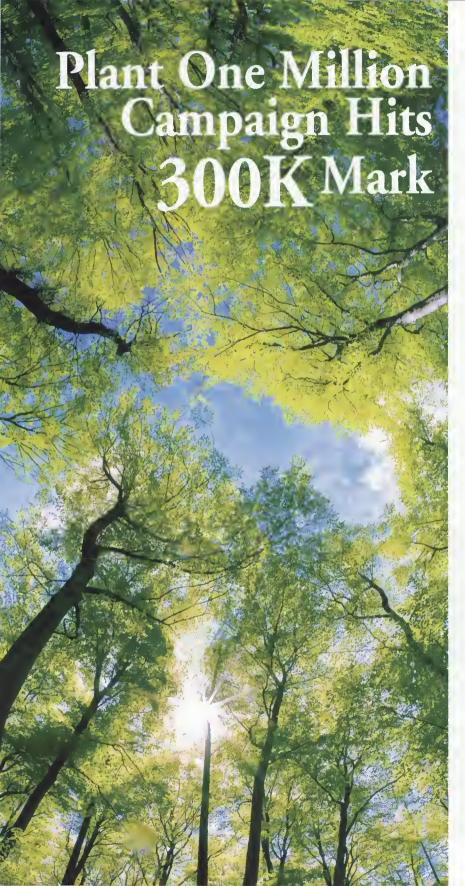


How to Participate

hiladelphia residents may register for a rain barrel workshop at phillywatersheds.org/rainbarrel. Once you have completed the workshop, PHS will send someone to your home to install the rain barrel.

If you live in an area of
Philadelphia served by combined sewers (see *phillywatersheds.org/what\_were\_doing/CSOArea*), you may qualify for additional options for managing stormwater on your property through the Rain Check program. Apply online at *philly-watersheds.org/raincheck*.

Once PHS verifies that you live in the combined sewer service area, a site assessment will be scheduled to review the property and advise you as to which stormwater tool is most appropriate. PHS will coordinate the installation. The Philadelphia Water Department provides a pre-set subsidy for these installations, but the homeowner is responsible for some of the cost. The cost to the homeowners will vary based on the tool selected. For instance, downspout planters cost \$100, but pervious pavers can be over \$1,000, depending on the size of your project. To learn more about the costs associated with the different stormwater management tools, visit phillywatersheds.org/ whats\_in\_it\_for\_you/residents/ raincheck/stormwatertools.



#### PLANT ONE MILLION,

the initiative to restore the region's tree canopy coverage, reached a major milestone on Arbor Day this spring. With the help of students at St. Hubert Catholic High School for Girls in Northeast Philadelphia, PHS led the planting of the 300,000<sup>th</sup> tree in the three-year-old campaign.

"It was a very appropriate way to observe Arbor Day and celebrate how far our multi-state effort has already come," says PHS president Drew Becher. "We're thrilled to have support from people of all ages and from all over the region to help beautify our landscape and create a healthy, sustainable environment."

A total of 22 trees were planted by volunteers on the St. Hubert campus, located on Torresdale Avenue, including flowering cherry, red maple, honey locust, and linden trees. The 300,000<sup>th</sup> Plant One Million tree—a redbud—was placed in front of St. Hubert's handsome, 1920s former church building, now the entrance to the school, which serves 656 students.

In total, PHS Tree Tenders volunteers planted 850 trees throughout the city and surrounding areas on Arbor Day weekend, and another large tree planting by Tree Tenders is planned for the fall.

The Plant One Million campaign was launched in 2011 at the PHS Philadelphia Flower Show, Plant One Million encompasses 13 counties in three states and is led by PHS, Philadelphia Parks & Recreation, the TreeVitalize program of the Pennsylvania Department of Conservation and Natural Resources. the New Jersey Tree Foundation, and the Delaware Center for Horticulture. Together, these partners are leading a movement to educate residents and businesses about the need for trees and canopy restoration—and arming them with the tools to "plant, tend, count, and donate." Residents can add their tree to the Plant One Million count at plantonemillion.org.

The founding sponsors of the Plant One Million campaign are Bartlett Tree Experts, Einstein Healthcare Network, and AQUA.

"The investment in planting trees is very worthwhile, and their value to your property and the quality of your life increases each year," says Stephen Goin, Philadelphia manager for Bartlett Tree Experts. "Bartlett is very proud to support PHS and its tree-planting efforts."

The Plant One Million partners encourage residents to plant street trees in their neighborhoods, as well as yard trees on their own properties. The partners also provide education programming to help people care for their newly planted trees.

"Choosing the right tree for the right spot, planting it correctly, and caring for it effectively are keys to healthy growth," says Mindy Maslin, manager of the PHS Tree Tenders training program, which provides hands-on training for volunteers who plant community trees. The training is open to anyone interested in planting and caring for trees. Visit **PHSonline.org** for information on upcoming classes.

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#### Forest Service Research Looks at Urban Tree Planting

PHS is currently participating in a national urban tree study conducted by Indiana University on behalf of the U.S. Forest Service that will evaluate the impact of tree-planting programs. The study will examine the growth and mortality of trees planted through urban nonprofit programs. It will also explore the social effects of the programs, such as the collective efforts by neighborhood residents to plant trees, the civic engagement that results from such programs, and how much environmental and tree knowledge is gained by individuals through the programs.

The Forest Service Philadelphia Urban Field Station, which was established at PHS headquarters in 2011, began gathering information with the PHS research team in June and will continue through September 1, 2014.



**Left:** Students from the St. Hubert school help spread mulch around a newly planted tree.

Bottom left: On May 3, the Philadelphia Phillies sponsored a tree giveaway at the Navy Yard as part of the team's Home Runs for Trees initiative. Nearly 200 free trees were distributed, and recipients were asked to add them to the tally at PlantOneMillion.org.

**Below:** Drew Becher addresses the crowd at the ceremonial planting of the 300,000th tree, at St. Hubert Catholic High School for Girls, in Northeast Philadelphia.







## Brighten the Corner Where You Are

BY VIRGINIA C. MCGUIRE

hen you plant a garden, you're working with a series of overlapping timelines. The snapdragons will flower immediately. The hyacinths will bloom in six months. The thornless blackberries will fruit next summer. The apple trees will bear in three years. The Japanese maple will fill the corner of the yard 30 years from now.

I have a chronic illness, so long timelines make me sad. When I'm in active treatment for recurrent cancer, any reference to things that will happen more than six months in the future plunges me into gloomy thoughts and paralyzing fear. In six months, I may be too sick to prune the serviceberries. In six months, I may be back in the hospital. In six months, my garden may be flowering without me.

My cancer is nothing new. I was diagnosed 27 years ago, when I was 10. I've gotten pretty good at living with it. I know that getting my hands in the dirt every day helps me stay happy and upbeat. When I'm too sick to garden, my friends come over and bag autumn leaves for my compost pile. Sometimes my mom puts in two vegetable gardens—one in her own yard and another in mine. It makes me happy to see new shoots coming up. Life goes on. Life will always go on.

But still I have this thing about time. I enjoy my garden, but I'm enjoying the way it looks today. I can't think about how it will look next season, and I certainly can't think about big changes.

The problem with this attitude is that gardening is not all about me. I'm not

really planting things for my own enjoyment. I'm planting tulips because they're my partner's favorite, and blueberries for my son and his friends to pick. I'm planting crocus so that my neighbor's toddler will squat on my front walk after a long winter, gazing into the bright heart of a flower. Gardening, as it turns out, is one of the best ways to kick my fear of the future in the teeth.

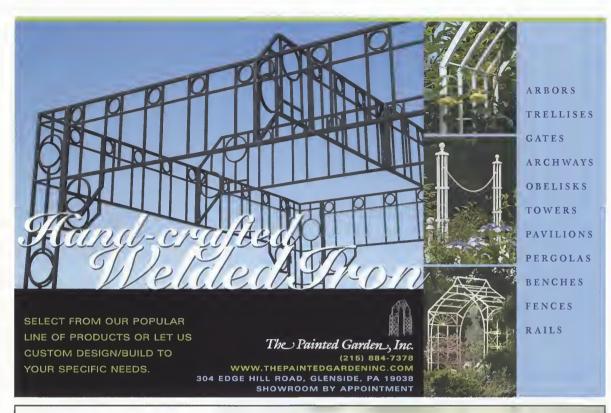
So let's forget about the annuals and go really long-term. Let's talk about the trees.

I live in Philadelphia's Germantown neighborhood, where old trees loom over even older houses. My property came with four trees that are completely wrong for where they're planted—an ornamental pear that's tangling with the overhead wires, two massive and brittle mulberries, and the biggest ailanthus my arborist had ever seen. It's time to plant baby trees so my yard won't be denuded in a few years when I take the old ones out.

I've put in five trees in five years. First came two apple tree whips, planted against a fence to be trained espalier-style. Next came a sugar maple and a pink dogwood. Most recently I planted an eastern redbud, more for the heart-shaped leaves than for the spring flowers.

This year is a quiet year in terms of my health. I'm on an experimental treatment program that's keeping the cancer in check. I even have enough energy to do a little gardening. I've already taken out the ailanthus, and I keep the other old trees carefully pruned. My sugar maple is up to the second-floor windows, and we're battling the squirrels for apples from our espaliered trees.

I imagine the strong, flexible roots of my trees threading deeper into the ground. These trees will outlive me, even if I grow old in this house. For some reason, that makes me feel something unfamiliar. I think it might be optimism.





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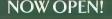
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### Support for PHS's Core Programs

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The PHS Fund provides unrestricted funds for core initiatives such as PHS Tree Tenders®, Plant One Million, and PHS City Harvest. An inspiring partnership that connects community gardeners with families in need, City Harvest provides nutritious produce to 1,200 families during the growing season. Since the program began in 2006, City Harvest volunteer gardeners have donated more than 106 tons of garden-fresh food.

Gifts to The PHS Fund are separate from membership and, unlike membership dues, are fully tax-deductible. To make a gift, visit our secure donation page at pennhort.net/give, or contact the PHS development office at 215.988.1622.

To learn about other ways PHS programs make communities stronger, please visit **PHSonline.org**.



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## JACK BLANDY

ounder of Stoney Bank Nurseries, Jack Blandy is widely recognized as one of the Delaware Valley's premier landscape designers and horticulturists. He has been a major exhibitor in the PHS Philadelphia Flower Show for 35 years and has won five Best In Show awards, including the 2014 top prize. His exhibits have also been recognized with the Buckley Award, the Governors Trophy, and the American Horticultural Society Citation for Garden Design. A Pennsylvania Certified Horticulturist and an accredited Pennsylvania Nurseryman, Jack has also served on the Flower Show Executive Committee, the PHS Council, and is a board member and vice chairman of the Pennsylvania Landscape and Nursery Associations Foundation of Ornamental Horticulture.

#### WHAT INSPIRED YOU TO CHOOSE YOUR CAREER?

I always loved biology and botany in particular, but took English as my major in college and taught for a few years before moving to the Philadelphia area to go to dental school at Temple University. Luckily I found my way to Temple's Ambler campus and studied landscape design and horticulture. I have been mentored by many people over the years, including Dr. J. Franklin Styer, Ben Palmer, Al Vick, John Story, and so many others.

#### HOW DO YOU LIKE TO SPEND YOUR TIME IN YOUR OWN GARDEN?

My time in my garden is spent with family and friends, especially my two grandsons, who live next door. The oldest is Jack, and we love to look at plants together. He is 6 and knows many of our favorites. He likes to say, "Pap Pap, over there is one of the *Hosta sieboldiana* 'Elegans'." Jack and I would like to have one of every kind of plant in the garden, but we all must limit our choices.

#### HOW DOES THE DESIGN OF YOUR OWN GARDEN FIT YOUR LIFESTYLE?

The real beginning of my home garden came after I founded Stoney Bank Nurseries and moved Frank Styer's rare plant nursery to our 24-acre home in Glen Mills. My wife, Jane, and I had an acre vegetable garden filled with everything from okra to bok choy. I still have two



small vegetable gardens—one here and the other at our home along the Susquehanna River in Selinsgrove, Pa.

My ornamental gardens are filled with all the plants I want and need since I truly am, as Michael Colibraro says, a collector and a plant "geek." My backbone design is still intact but has been augmented with things that I just can't keep from planting. It is a testing ground, for sure, especially for deerresistant trial plants. My other gardens are deer-proofed with fencing, and all my other plants thrive there. Each view from our house overlooks a theme garden: one includes the Oriental garden. one the pool and boulder garden, and another the woodland garden. Our drive to the house is through a native beech woodland and opens onto our ornamental grass lawn in front of the house. I added a cutting garden for Jane, who loves to have flowers in the house.

### ARE THERE CERTAIN PLANT TYPES, COLORS, OR TEXTURES THAT YOU ARE DRAWN TO? WHAT ARE SOME OF THE PLANTS GROWING IN YOUR GARDEN?

Some of my favorite plants are stewartia, styrax, chionanthus, Kousa dogwood, Persian parotia, Hinoki cypress, fothergilla, illiciums, and all the variegated plants in the world. I have never been a big annuals fan, but have grown to love bulbs, especially daffodils—the deer don't eat them. My favorite color is green.

### WHAT'S THE BEST THING ABOUT GARDENING FOR YOU?

The best parts of gardening for me are seeing the design come to life and then watching plants grow, telling stories about plants I love, how I found something unusual, and learning always where to put the right plant in the perfect location. My very best gardens are those that my son Joe and I have collaborated on over the last ten years. Our greatest joy is to see those gardens continue to be cared for and enjoyed by our clients and friends. By the way, I will always have a garden; I could not live without one or two of them





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